

**ACTION
PLAN
FOR
JOBS**

2016-2018

**DUBLIN
REGION**

**Second Progress Report
June-December 2016**

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Foreword by An Tánaiste and Minister for Enterprise and Innovation



I am delighted to see the publication of this second Progress Report for the Dublin Action Plan for Jobs. Since it was launched in January 2016, the objective of this Plan has been to provide a platform for the Dublin region to work together, building on the unique strengths of the region to support businesses to start up, grow and generate exports. I believe that we, as a small country, can achieve much more by working together, across county and provincial boundaries, combining resources and expertise, than we could acting alone.

The Regional Action Plan initiative as a whole remains a central pillar of the Government's ambition to create 200,000 new jobs by 2020. Employment figures from 2016 show that real progress is being made on this vision: an additional 66,100 jobs were created over 2016.

Progress in the Dublin this year has been very positive: at the end of 2016, the region had the joint third lowest unemployment rate in the State at 6% compared to the State average of 6.7%. Across the region, 19,500 additional people entered employment in 2016. Figures from the CSO show that growth is happening across a range of sectors, including Industry, Retail, Financial Services, Construction and Transportation.

In addition to this, recent job announcements from firms such as Amazon and SAS demonstrate the continued confidence of industry in the Dublin region to support both established and growing companies, often requiring specialist skills. The commendable work undertaken this year by the Dublin Regional Skills Forum, bringing business together with education providers, will further benefit the region's competitiveness by enhancing its pipeline of skilled workers.

Dublin is a driving force in Ireland's future economic development and it is competing directly with major cities in Europe and beyond for investment, start-ups and talent attraction. Dublin is recognised as one of Europe's leading business locations and has been a spectacular success in terms of foreign direct investment as it hosts many of the world's leading companies.

I would particularly like to thank Caroline Keeling, the Chairperson of the Implementation Committee for her ongoing commitment to the initiative. I would also like to thank the Enterprise Champions and members of the Implementation Committee. The input which they bring to the process creates a real step-up in the level of innovation and jobs impact of this process. This is a genuine public service which will make a real impact to the Dublin region.

My colleagues and I across Government are, however, keenly aware that while our economy is growing strongly and unemployment is at the lowest level since 2008, we cannot be complacent. Our goal is that we must continue to ensure that all areas of the country are supported to achieve economic growth in line with their potential.

I also want to acknowledge that while 2016 was a successful year in many respects, it was one in which new challenges arose, in particular as a result of the UK referendum to leave the EU. I can assure you that my colleagues across Government and I will work hard to protect our economy from any adverse effects of Brexit. Building resilience among potentially affected companies will be crucial, and I will ensure that Enterprise Ireland, IDA, InterTradeIreland and the LEOs are working

with these clients, helping them to focus strategically on competitiveness, research and innovation, and people.

The Regional Action Plan for Jobs initiative will continue to support and drive job creation across the regions by encouraging the enterprise development agencies, Local Authorities, higher education institutions, as well as the private sector and communities, to come forward with innovative ideas to boost job creation in their area.

Following the success of 2016's Enterprise Ireland Regional Competitive Funding Calls, additional competitive funding of up to €60m is being rolled out by Enterprise Ireland over the next 4 years to support the best regional enterprise projects, and to see each region building on the strengths they have in areas such as food, medical devices, software, aviation, engineering, and others. I believe that this is the right approach – directing these resources towards projects led by local people, for the benefit of their own communities and local economies.

In advocating this approach of collaborative working, I want to assure you that I will work closely with my Cabinet colleagues to ensure that we are aligned in our approach to important issues, and that we work together on initiatives that benefit us all. 2016 was a year in which we re-focused on the holistic development of our regions, with projects such as the Action Plan for Rural Development, the Town and Village Renewal Scheme, the Action Plan for Housing, and the National Broadband Plan, working to ensure that every region has the capacity and capability to support sustainable job opportunities. I will endeavour now to ensure that this approach continues.

A handwritten signature in blue ink that reads "Frances". The signature is written in a cursive style with a long horizontal stroke at the end.

Frances Fitzgerald, T.D.
Tánaiste and Minister for Enterprise and Innovation

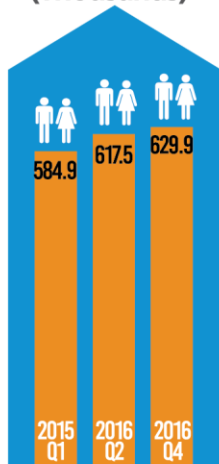


ACTION PLAN FOR JOBS: DUBLIN

Department of Jobs, Enterprise and Innovation

2nd Progress Report, June – December 2016

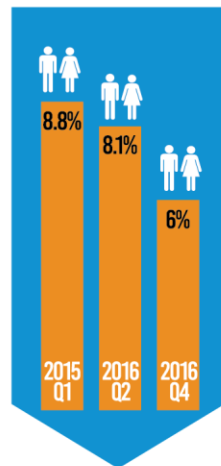
Numbers Employed (Thousands)



Persons aged 15 years and over in **Employment** (Thousand)

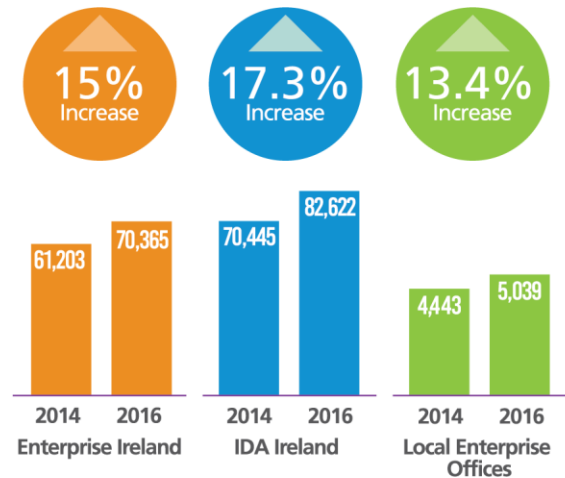
Source: CSO QNHS (QNQ22)

Unemployment Rate



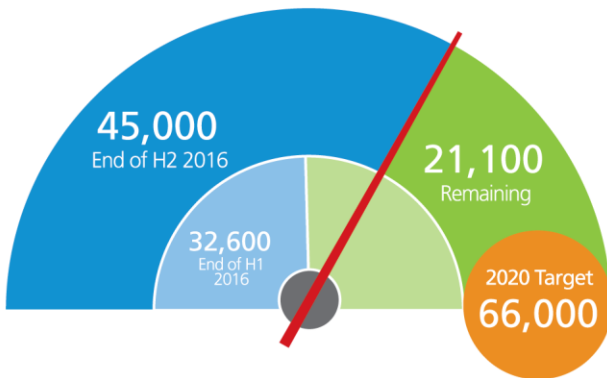
ILO **Unemployment Rate** (15 - 74 years) (%)

Jobs in Agency Supported Businesses



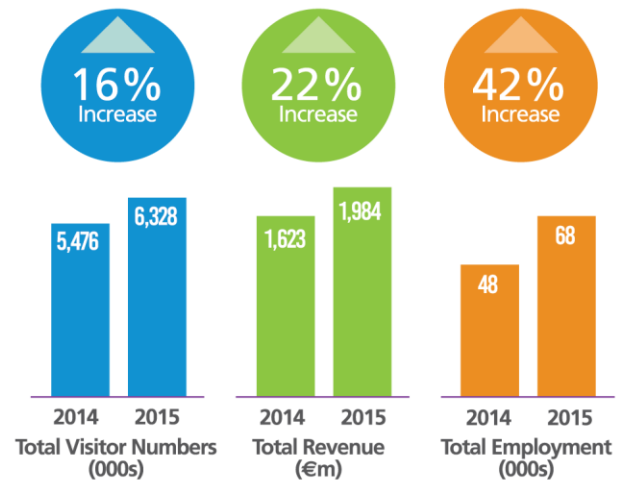
Sources: DJEI Annual Employment Survey, Local Enterprise Office Annual Employment Survey

Dublin Regional Jobs Target Q1 2015 – Q4 2019 Progress from Q1 2015 to Q4 2016



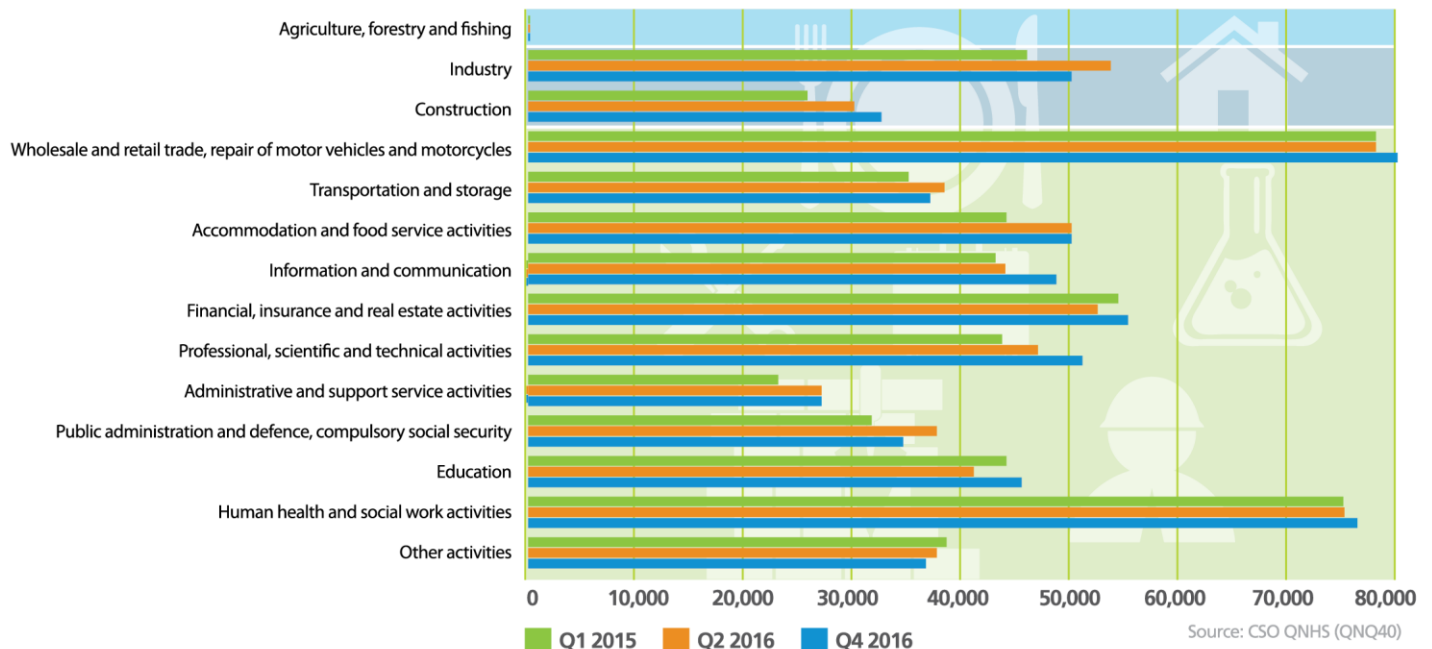
Source: CSO QNHS (QNQ22)

Tourism in the Dublin region



Source: Fáilte Ireland
2016 figures unavailable at time of publication

Employment by Sector



Source: CSO QNHS (QNQ40)

Key Highlights



Significant FDI announcements in the second half of 2016 with LinkedIn, SAS, Equifax, SoftwareONE and Google **expanding their operations** in the Dublin region. **(Action 1)**



SFI's research infrastructure programme **funded 28 requests** from Dublin with a **combined value of €38m** in 2016 in sectors such as Animal & Human Health, Big Data Analytics, Internet of Things (IoT) and Networks, Manufacturing, and Natural Resources & Hazards. **(Action 10)**



Over 1,245 students participated in the Information Technology Investment Fund Summer **computing camps aimed at encouraging students** to consider ICT careers. **(Action 27)**



Fáilte Ireland has appointed four **Food champions** for Dublin to work with their local community to help build Dublin's food tourism reputation, sourcing and activating ideas to encourage visitors to stop more, spend more, and stay longer. **(Action 37)**



The Department of Foreign Affairs and Trade has heavily promoted Dublin throughout 2016 as a **tech destination of choice** for both investors and start-ups. **(Actions 49)**



The MAKESHAPECHANGE schools programme has been **extended to 38 schools** in Dublin City and the programme has been embedded in Junior Achievement Ireland curriculum. **(Action 69)**

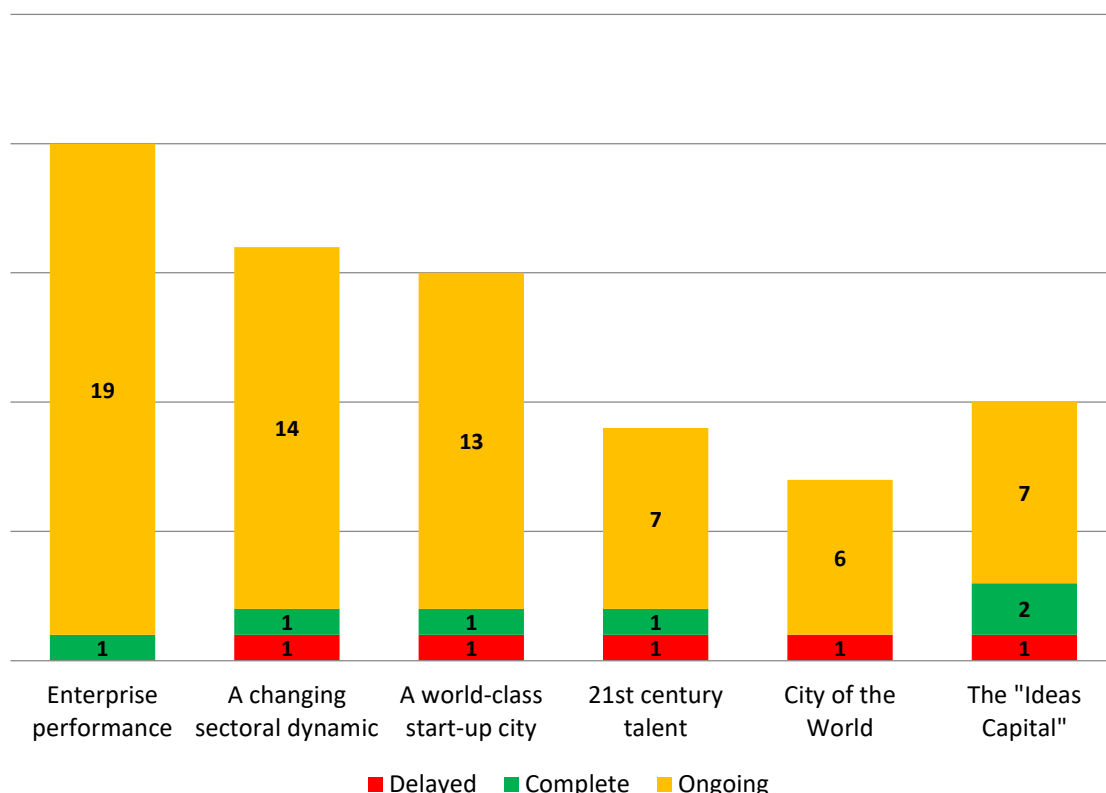


An inaugural **Apprenticeship Fair attracting over 600 attendees** was held with the Dublin North West Partnership in November. **(Action 69)**



Dublin city is progressing the development of the **docklands** as a leading international **'smart district'** for the testing and showcase of new 'smart city' technologies and communications networks. **(Action 84)**

Scorecard: Actions To End 2016



Actions Due By December 2016

For practical reasons, some of the actions in the Plan have been split into sub actions, so the Plan’s original 90 actions now number 100. By the end of 2016, out of those 100 actions, 76 are Ongoing, 18 are Complete and 6 are delayed. This represents an overall implementation rate of 94%.

For practical reasons, some of the actions in the Plan have been split into sub actions, so the Plan’s original 90 actions now number 100. By the end of 2016, 77 of those actions were due to be initiated or completed by the Departments and Agencies. Some 72 are on track to be delivered, or have been completed and 5 actions are delayed (see below).

Measures Not Delivered As Planned By June 2016

The actions below have not yet been, or will not be, delivered as planned for the following reasons:

- Action 42:** *‘Raise awareness of licences.ie and ensure that relevant licence applications are available to businesses’.*
 While some progress has been made on this action, there are data protection issues which have resulted in a delay in the implementation of the online service. A further update will be provided in the third progress report.

- **Action 51:** ‘Assess the feasibility of running an international start-up Competition to complement an international event with clear objectives, outcomes, ownership and resource commitments (including private sector).’
An umbrella organisation to take the lead on this action is currently being considered due to the large number of organisations potentially involved in this project.
- **Action 63:** Enterprise Ireland to *‘host Organise and host an International Conference on Engagement between HEIs, Industry and Community aimed at identifying new, and improving existing, models and approaches to stakeholder engagement.’*
This conference will now be run in 2018 instead.
- **Action 76:** *‘Develop an integrated settlement and transport strategy for the Dublin Strategic Planning Area as part of the EMRA Regional Spatial and Economic Strategy to deliver a high quality urban location’.*
The official commencement of preparing and adopting the Regional Spatial and Economic Strategy is anticipated in January 2017.
- **Action 86a:** Dublin City Council to *‘Undertake a review of the PIVOT Dublin pilot initiatives.’*
A target was set to undertake this review Q3 2016 with a view to establishing a Steering group to provide strategic guidance and agree a funding stream in Q2 2017.

Noteworthy Developments in H2 2016

FDI

- **LinkedIn** announced 200 New Jobs at its Europe, Middle East, and Africa HQ in Dublin in November 2016.
- **SAS** said in November 2016 that it is expanding its operations in Ireland with the opening of a new office in Dublin's International Financial Services Centre. It follows the announcement last year of plans to create 150 jobs over three years, equating to an investment of around €40 million.
- FinTech Company **Equifax** announced in September 2016 that it would open a second Location in Dublin, creating over 100 jobs.
- **SoftwareONE** announced in September 2016 a major expansion of its Irish operations, creating 100 new jobs in Blanchardstown, a move that will increase its workforce across Ireland tenfold over the next three years.
- **Google** opened a new €150 million Google data centre in West Dublin in July 2016. This is Google's second major data centre investment in Ireland, and is the newest addition to Google's global fleet of energy efficient cloud computing facilities.

Dublin Regional Enterprise Strategy 2017-2019

The Dublin Regional Enterprise Strategy was developed by the four Dublin local authorities and provides a coordinated approach to promoting enterprise, employment and entrepreneurial activities in the Dublin region for the period 2017-2019. A review of existing and emerging policy was the framework for the development of the strategy. This mapped policy initiatives including the Dublin Regional Action Plan for Jobs and Local Economic and Community Plans 2016-2021 in Dublin while also recognising changing economic conditions and technological advances.

Science Foundation Ireland

SFI's research infrastructure programme funded 28 requests from Dublin with a combined value of €38m in 2016. The awards were in a range of strategically important sectors, including Animal & Human Health, Big Data Analytics, Internet of Things (IoT) and Networks, Manufacturing, and Natural Resources & Hazards.

IDA Property

Approximately 4 million sq. ft of Grade A commercial office space is currently under construction in the greater Dublin Area with an additional 5.5 million approx. sq.ft at planning stage.

Business in the Community

At the end of 2016, 23 companies had achieved the Business Working Responsibly Mark, audited by the NSAI which certifies responsible and sustainable practices.

Information Technology Investment Fund Summer computing camps

Over 1,245 students participated in the Information Technology Investment Fund Summer computing camps aimed at encouraging students to consider ICT careers.

Tourism

- Five Food champions have been appointed for Dublin to champion Irish food, influence Irish cuisine, promote and develop Irish food tourism.
- Fáilte Ireland in partnership with Dublin City Council developed 4 Discovery Trails in 2016 bringing the total number of trails to 8.
- 200 frontline staff became champions as part of Fáilte Ireland's Dublin Champions Programme aimed at frontline facing staff in Dublin Tourism businesses.
- 21 visitor attractions in Dublin completed the Fáilte Ireland Management Development Programme for Visitor attractions.
- Building on the success of the 'A Breath of Fresh Air' launch in Great Britain in 2015, Fáilte Ireland developed a campaign for targeting the Culturally Curious segment in Great Britain to inspire this segment to reappraise Dublin and consider booking a trip to Dublin in the shoulder season.

Start-ups

- The Dublin Economic Monitor continued to report on Dublin's performance in international benchmarks, including the Global Start-up City Ranking, the European Digital City Index and others.
- The Department of Foreign Affairs and Trade, in Ireland's 27 priority markets and across the Embassy network more broadly, has invested a great deal of effort throughout 2016 in promoting Dublin as a tech destination of choice for both investors and start-ups.
- 56 entrepreneurs participated in four Phase 2 New Frontiers programmes in Dublin in 2016.
- During 2016 there were 5 Enterprise START workshops held in the Dublin-Mid East Region.
- Enterprise Ireland supported a total of 129 mentor assignments in Dublin/Mideast in 2016 with client companies.

Embedding entrepreneurship in next generation

The MAKESHAPECHANGE schools programme (teaching of creative problem solving, and innovation skills etc. in schools) has been extended to 38 schools in Dublin City and the programme has been embedded in Junior Achievement Ireland curriculum.

Careers

An inaugural Apprenticeship Fair attracting over 600 attendees was held with the Dublin North West Partnership in November.

Placemaking

- The Dublin.ie site won the best government/local government category at the Web Awards in September.
- The 4 Local Authorities actively engage with relevant project steering committees / liaison mechanisms to ensure that the key infrastructural projects planned for the Dublin region can contribute optimally to economic development.

Smart City

Dublin City is progressing the development of the Docklands as a leading international 'smart district' for the testing and showcase of new 'smart city' technologies and communications networks.

THEME 1 DUBLIN – A STEP UP IN ENTERPRISE PERFORMANCE

A SUSTAINED FOCUS ON TRANSFORMATION AND INVESTMENT

Action 1: IDA

Deliver a minimum of 430 FDI investments for Dublin over the period 2015-2019 including 'new name' investments.

Update: Ongoing

Narrative:

Dublin is Ireland's largest urban centre and continues to win significant investment. Many of the investments won in 2016 were capital intensive, 47% of this expenditure was made in Dublin. IDA's marketing focus continues to include New Name, Expansion and R&D.

Below is a sample of the investments secured for Dublin during the last half of 2016:

- **LinkedIn** announced 200 New Jobs at its Europe, Middle East, and Africa HQ in Dublin in November 2016
- **SAS** said in November 2016 that it is expanding its operations in Ireland with the opening of a new office at Le Touche House in the heart of Dublin's International Financial Services Centre. It follows the announcement last year of plans to create 150 jobs over three years, equating to an investment of around €40 million.
- Atlanta FinTech Company **Equifax** announced in September 2016 that it would open a second Location in Dublin, creating over 100 jobs and is continuing to hire for open opportunities.
- **SoftwareONE** announced in September 2016 a major expansion of its Irish operations, creating 100 new jobs in Blanchardstown, a move that will increase its workforce across Ireland tenfold over the next three years.

- **Google** opened new €150 million Google data centre in West Dublin in July 2016. This is Google's second major data centre investment in Ireland, and is the newest addition to Google's global fleet of energy efficient cloud computing facilities. To date Google has invested over €750 million in capital assets in Ireland, demonstrating a deep commitment to Ireland. The company employs 3,000 people directly and about 3,000 people in contracted positions bringing total employment at Google Ireland sites to 6,000 people, a 20% increase in the past year, up from 5,000 12 months ago.

Action 2: IDA

Drive a greater number of client companies to engage in RD&I and to deepen existing RD&I capabilities across manufacturing and services to develop new processes, services, solutions and products.

Update: Ongoing

Narrative:

IDA continues to use all financial supports available to attract additional R&D investment. All sectors and activities are targeted including first time and seasoned investors in R&D.

Action 3: IDA

Stimulate increased engagement between Dublin based enterprises and the research and technology centres throughout Ireland to contribute to the national ambition set out in Enterprise 2025 for increased collaboration between the enterprise community and researchers.

Update: Ongoing

Narrative:

IDA, through its overseas offices and the relationship management of its existing clients, continuously analyses client R&D and Technology road maps to

identify research and development opportunities. Engagement with Research and Technology centres is an ongoing and integral part of this process.

Action 4: Enterprise Ireland

Deliver an integrated approach to a LEAN programme, relevant to both manufacturing and services enterprises from micro to MNCs, working closely with IDA and LEOs to provide their respective clients with a LEAN offering.

Update: Ongoing

Narrative:

A comprehensive Lean offer is now being delivered by Enterprise Ireland, and EI has commenced a roll out of the Lean offer with the IDA, Udaras Na Gaeltachta and the LEOs. Based on the Enterprise Lean Business offer it provides client needs specific support based on their stage of development. A directory of Lean Service suppliers has been developed and is being accessed by all agencies. A directory of education providers, support collateral and a local and international best practice visiting programme has also been developed. A national guide to Lean has been developed and published in conjunction with the NSAI

The following Lean projects which took place in 2016 in the Dublin region.

7 LeanStart projects

10 LeanPlus projects

4 LeanTransform projects

The LEOs held an information event December 2016 which was attended by 28 businesses for the Dublin Region from which 18 applications have been received for 12 places for the first programme to start by the end of January 2017. It will begin with a site visit to a Dublin based company who has successfully completed the LEAN principles. It is intended to run a total of 4 programmes in 2017 with rotating information events in each of the LEOs of the Dublin Region.

Action 5: Enterprise Ireland

Deliver an Export Awareness Event in Dublin working in close cooperation with the four Dublin LEOs and other stakeholders. To maximise the impact, deliver a follow-on Export Workshop for a select number of pre-exporting companies to drive their export capability.

Update: Complete

Narrative:

This Action was completed by Q2 2016, with an Exporting Awareness Event held in Dublin on February 23rd 2016., covering such topics as: Assessing the Export Opportunity & Gathering Intelligence; Using Desk Research to Get Export Ready; Preparing to Export; and Defining your Go-to-Market Strategy.

Action 6: Department of Foreign Affairs & Trade

Elevate and celebrate the success of Irish enterprises that act as lighthouses for Dublin's reputation as a best capital city in which to succeed in business and which in turn can stimulate ambition in others.

Update: Ongoing

Narrative:

In the 27 priority markets identified in the Trade, Tourism and Investment Strategy, Local Market Teams under the stewardship of the relevant Ambassador have continued throughout 2016 to promote the success of Irish companies and the value of Dublin (and Ireland more generally) as a successful location for investment. This has been achieved through meetings with key public and private sector decision-makers, networking events, and speaking engagements in both major and strategically chosen regional cities, as well as through active use of social media.

To give China as an example: Embassy Beijing has worked with the Beijing Municipal authorities to give effect to Dublin City Council's Chief Executive's desire to refresh and upgrade the twinning relationship between the two

cities, with a focus on enterprise, technology, investment, science and technology, higher education, etc. The Embassy also supported a meeting between Tourism Ireland’s CEO and the Chairman of the Beijing Tourism Development Commission (deputy mayor level official) to discuss promotion of both destinations for mutual benefit. Along with EI, Embassy Beijing also supported a Smart Cities conference in Dublin in July involving Wuhan municipality, a major education and logistics hub in China, and some twenty companies. Team Ireland has also worked intensively with the Dublin Airport Authority and a major Chinese airline on the development of direct flights between Beijing and Dublin, which would transform the relationship between the two cities (and China and Ireland more generally) at all levels and particularly in tourism, education, trade and inward investment.

Action 7: SEAI

SEAI will promote and assist the delivery of cost savings through energy efficiency programmes and training for businesses and public sector organisations in Dublin.

Update: Ongoing

Narrative:

Sustainable Energy Authority of Ireland is assisting local and regional businesses and Public Sector Organisations to make energy efficiency savings. The Public Sector Report for 2015 has been published by DCCAE in Q4 2016 and this work is supported by SEAI. The SEAI energy efficiency programmes for business are also continuing to make major savings in all areas and the Minister for Communications, Climate Action and the Environment has provided additional budget for 2017 to advance these programme further.

LEVERAGING OUR DISTINCTIVE ENTERPRISE MIX

Action 8: Enterprise Ireland

Under the Government’s Regional Enterprise Development Initiative, launch a competitive call with an objective of driving enterprise capability, seeding future capability for competitive advantage and to ultimately drive economic impact and jobs. Structured collaboration between the public and private sectors, and the leveraging of national assets and resources will be key features of this call. This will present the opportunity for Dublin based organisations/enterprises to develop proposals and to collaborate in a meaningful way.

Update: Ongoing

Narrative:

Competitive regional funding of up to €60m is being rolled out by Enterprise Ireland to support collaborative approaches to grow and sustain jobs across the regions. This will include funding for major strategic projects that, when implemented, would have a significant step up in terms of economic development in the region.

Action 9: IDA and EI

Progress the existing global sourcing initiative to broaden inter-firm relationships with existing clients that would deliver synergies and potential for economic benefit, and introduce relevant Enterprise Ireland clients to IDA site visits.

Update: Ongoing

Narrative:

The Global Sourcing Initiative is a joint IDA/Enterprise Ireland strategic approach to drive deeper engagement between the Multinational base in Ireland and Enterprise Ireland client companies.

Enterprise Ireland client companies are a potential source of technical, product and service solutions for Irish based MNCs which could add value to the Irish operation when compared with sister sites elsewhere.

The focus is to ensure opportunities for suitable companies are created. Direct introductions & connections, bespoke events & the annual Trade and Investment Missions to Ireland are examples of the on-going activities to make this happen. The activities will be reviewed in Q1 2017 to see how the existing infrastructure can be further developed.

A critical activity, as part of the joint IDA/EI strategy, is the now annual Trade and Investment Mission in Ireland. These Missions are cross sectoral in nature. Since 2014, events have taken place in all major cities and towns. A Ministerial-led Mission in May 2016 visited Athlone, Sligo and Limerick. It should be noted that regardless of location, invitations are extended to companies nationally. Dublin was the location for part of the 'Trade & Investment Mission in Ireland' in May 2017.

EXCELLENCE AND SCALE IN RESEARCH AND DEVELOPMENT THROUGH NATIONAL COLLABORATIONS

Action 10: Science Foundation Ireland (SFI)

Further strengthen Dublin's research capabilities and infrastructures by preparing and submitting proposals under Science Foundation Ireland's calls during 2016, providing the required evidence of significant industrial relevance and strong economic impact and including the Research Centres 2016, Research Infrastructure Calls.

Update: Ongoing

Narrative:

Infrastructures: SFI's research infrastructure programme made 14 research infrastructure awards to Dublin-based research groups (29 awards made in total) and 1 opportunistic funding award to a Dublin-based HEI (7 awards made in total) with a combined value of €14.2m (€47.4m in total awarded) in 2016. The awards were in a range of strategically important sectors, including Animal

& Human Health, Big Data Analytics, Internet of Things (IoT) and Networks, Manufacturing, and Natural Resources & Hazards.

Research Centres (2016): 4 of the 12 currently funded Research Centres are based in Dublin (Adapt, Amber, Connect, iCrag) with a further 7 centres (Insight, CURAM, Infant, IPIC, Lero, MaRei and SSPC) having a strong presence in Dublin.

The SFI Research Centres 2016 call launched in December 2015 with the aim of establishing a number additional world-leading, large-scale Research Centres which will have a significant positive impact on the Irish economy. The deadline for submission of full-proposals to the SFI Research Centres 2016 call was in November 2016, after which a comprehensive review for scientific excellence and impact was performed in order to select the most competitive proposals for funding. Research Institutions and companies based in the Dublin region participated in several of the consortia submitting full proposals to the call and 3 were successful in securing funding. These proposals address the following:

- Biological resources as alternative materials to finite fossil resources, led by Prof Kevin O'Connor, UCD (Project Title – BEACON);
- Innovative techniques and processes in Additive Manufacturing, led by Prof Denis Dowling, UCD (Project Title – Déantús);
- Diagnosis, monitoring and treatment of chronic and rare neurological diseases – led by Prof David Henshall, RCSI (Project Title - Future Neuro).

Action 11: SFI

Work in collaboration with industry to develop a proposal/submission to SFI Research Centres Spokes (fixed call) to allow new industry partners and/or new academic partners to join an existing SFI Research Centre – with industry contributing a 30 percent cash contribution. [Note there is a 10 percent cash contribution required for advanced manufacturing].

The development agencies have an ongoing role in raising awareness and to broker introductions to strengthen and expand industry engagement and collaboration with research centres.

Update: Ongoing

Narrative:

By the end of 2016, SFI will have awarded:

Twelve partnership awards with Dublin-based companies and three Spoke awards with Dublin-based partners (13 Research Centres Spokes in total). Of the 105 Industry Fellowships, 65 awards involved Dublin based companies. 66 Postdoctoral Fellows from Dublin based Institutes have been awarded in the Industry Fellowship scheme also. (cumulative figures since commencement of these programmes)

As part of Ireland's value proposition, IDA, through its overseas offices and the relationship management of its existing clients, continuously analyses client R&D and Technology road maps to identify research and development opportunities. Discussions are significantly enhanced when referencing and facilitating introductions to research centres.

Action 12: EI

Raise the awareness amongst Dublin based enterprises and stimulate greater use of State funded research capabilities relevant to them so that Dublin plays a key role in contributing to national targets for the transfer of economically valuable research outputs to enterprise, supported by KTI and the revised IP protocol.

Update: Ongoing

Narrative:

Knowledge Transfer Ireland (KTI) takes a national perspective on the knowledge transfer (KT) system in Ireland. KTI works with business, investors, universities, Institutes of Technology, State research organisations, research funders and government agencies to maximise State funded technology, ideas and expertise getting into the hands of business to drive innovation.

KTI are promoting the use of such research capabilities through the technology transfer resources on campus supported financially by EI.

www.knowledgetransferireland.com

Promoting the opportunities for companies in terms of collaboration with the states research capabilities is an integral part of the EI innovation offer and where relevant this is brought to the attention of the company through the Client Engagement Model (CEM) process.

EI ran a Technology Gateways National Showcase on the 10 May 2016 in the Carlton Dublin Airport hotel. This was a chance for companies to meet all 15 Gateways in one place and to hear from 4 clients who worked with the Gateways. Each Gateway is an open access portal for companies of all sizes and their objective is to deliver near to market solutions for Irish industry. As part of the day EI also promoted the use of the Innovation Voucher and Innovation Partnership Programmes. Also EI runs Big Ideas, Technologists / CEM etc, hosts Technology Centres events and publishes EI Newsletter

The figures for participation in EI's key commercialisation programmes are set out below:

Number of researchers availed of Commercialisation Fund Project Support in 2016 in Dublin - 21 Projects, funding approved €5,710,384

Number of people who availed of the Commercial Case Feasibility Grant in 2016 in Dublin -23 Projects, Funding approved €329,103

Number of people who availed of Innovation Partnership Programme in 2016 in Dublin - 24 companies, Funding approved €3,013,139

Action 13: EI

Raise awareness of the benefits and impacts of adopting SBIR to Public Procurers on a systematic basis.

Update: Ongoing

Narrative:

The Small Business Research Initiative (SBIR) is a mechanism which enables public sector bodies to connect with innovative ideas and technology businesses, to provide innovative solutions to specific public sector challenges and needs.

SBIR Ireland is a collaborative programme between EI and Irish Public sector bodies who wish to participate and have an innovative requirement that the market cannot currently meet. EI holds a government mandate to establish, manage and deliver SBIR Ireland at national level.

Enterprise Ireland has successfully managed three pilot SBIR projects since the launch of SBIR Ireland in July 2014, including a project with Dublin City Council to find low cost, smart solutions to increase the number of people cycling in the city.

The first Small Business Innovation Research (SBIR) Ireland Proposers Conference was held on 27 September 2016 in Enterprise Ireland's HQ at East Point Business Park, Dublin 3. The timing of this event coincided with the publication of SBIR Ireland's first official call to Specifiers/Procurers requesting Expressions of Interest outlining bona fide SBIR projects for evaluation. It is anticipated that up to 10 SBIR projects will be funded over the period 2017-2018. EI has a Board approved fund of €1m to co or part fund projects in collaboration with participating organisations.

SBIR Ireland Call 1 is thematic in nature covering:

- SMART Cities
- ICT & the Digital Economy
- Health/Lifesciences

The purpose of the event was mainly to prime SBIR ‘ready’ organisations in advance of submission of Expressions of Interest and to raise awareness to unaware or none SBIR ‘ready’ bodies as to the benefits of future participation. The deadline for submissions of proposals is Friday 2nd June 2017. The conference was opened by Minister for Employment and Small Business, Pat Breen TD.

Action 14: Public Sector bodies

Identify potential Small Business Innovation Research (SBIR) projects in Dublin as part of the SBIR initiative nationally.

Update: Ongoing

Narrative:

Phase 1 of the Cycling SBIR launched in March 2016 has been completed. The evaluation process for phase 2 took place on 16 December 2016. Each project selected for phase 2 will be awarded up to 25,000 in funding. The chosen companies and their smart solutions are:

BikeLook which monitors bicycle usage and deters and detects bicycle theft.

“More cycling data and less bike crime will make Dublin safer and cleaner. Our mission is to show that bikes reduce congestion and need to be part of smart urban transportation” said Mark Bennett, CEO, BikeLook <http://bikelook.eu/>

Fluidedge introducing the Liberty Bell, a bicycle bell that allows cyclists to record actual or perceived obstacles to aid safe cycling in Dublin. “There is an identified lack of data and in particular, qualitative data in relation to the city cycling experience. Cities, even those with a cultural and historical focus on cycling, need field research tools such as Liberty Bell” said Conor Cahill, CEO, Fluidedge. www.fluidedge.ie

See.Sense offers the See.Sense tracker which allows cyclists to collect anonymous crowd-sourced data that gathers unique data including the

identification of road surface conditions and collision and near-miss hotspot areas that will assist cities to design safer and smarter cities for everyone. “Dublin is a city at the cutting edge of thinking for smart cities, and we are hugely excited to have the opportunity to partner with the city to help achieve the goal of increasing cycling participation” said Philip McAlesse, CEO, See.Sense. <https://seesense.cc/>

Smartcharge introduces a tracking, logging and data harvesting system for use with bicycles in an urban area aiding the cyclist in predicting the ease of a journey, safety along the way and creating a secure parking facility at the end of the journey. “We are delighted to be part of the SBIR process. We hope to use our expertise in new and exciting areas, such as the smart city projects, and to contribute to the body of knowledge in making Dublin a safer and better place to live and work” said Mick Berry, CEO, Smartcharge.

Smart Dublin submitted 6 application forms to the November 2016 national SBIR scheme call out. Two of them have been approved in the areas of illegal dumping and monitoring gullies in high risk flooding areas. Smart Dublin is also partnering on a third SBIR on wayfinding with Dublin Airport Authority and Grangegorman Development Agency. There will be up to €600,000 to fund these three processes, which will be launched in March 2017.

Action 15: EI

Promote engagement by Dublin based enterprises with the National Health Innovation Hub and publicise demonstrators of success that highlight the benefits for both parties.

Update: Ongoing

Narrative:

In January 2016, the Minister for Jobs, Enterprise and Innovation and the Minister for Health made a joint announcement on the successful bidder to host the national Health Innovation Hub - a consortium involving University

College Cork (UCC), Cork Institute of Technology (CIT), the National University of Ireland Galway (NUIG) & Trinity College Dublin (TCD).

The Health Innovation Hub is a joint initiative of the Department of Jobs, Enterprise and Innovation and the Department of Health. The aim of the initiative is to drive collaboration between the health service and the enterprise sector leading to the development and commercialisation of new healthcare technologies, products and services emerging from within the health service and/or the enterprise sector. The objectives behind the development of a Health Innovation Hub are:

- to allow healthcare companies to deliver commercial products and services more quickly by giving them appropriate access to the health service in order to test and validate and refine products in a real life environment;
- to allow the health service to find efficiencies and improvements (including to services and patient outcomes) by facilitating the HSE and hospitals to engage with innovative companies creating solutions to problems they face, and;
- to support the adoption/commercialisation of new innovations developed by healthcare practitioners inside the healthcare service.

A Demonstrator (pilot) project was established in 2012, based in University College Cork, in order to test the Hub model. Following a positive evaluation of the pilot, Government agreed to establish the Hub at a national level.

Following a competitive call operated by Enterprise Ireland a consortium involving UCC, CIT, NUIG & TCD was selected as the successful bidder on the basis of a unanimous recommendation of an expert independent panel.

The consortium is highly complementary, with each collaborator offering unique capabilities and access to key stakeholders. This will enable delivery of projects on the ground at multiple locations in Ireland, while directing and centralising all activities through the Hub Operations Centre based in UCC and avoiding duplication of effort. UCC will lead the National Hub central operations, project design, methodology, operation and healthcare economics.

CIT brings expertise in regulatory and quality processes in product design and development and has the capacity to support design and prototyping through MEDIC, its Medical Engineering Design and Innovation Centre.

NUIG will lead Concept Assessment activities through a dedicated Concept Evaluation Specialist, using the process already developed and validated through the BioInnovate Programme.

TCD will lead Business Development support and will develop a Business Impact Evaluation Team to support this activity. The consortium is part of a wider health infrastructure including the major Hospital Groups (South/South West, Dublin Midlands and Saolta University Healthcare Group), and Community Health Organisations.

The consortium is also closely linked with HRB funded Clinical Research. Facilities are located on hospital campuses in Cork, Galway and Dublin.

COLLABORATION ACROSS LOCAL AUTHORITIES ...DELIVERING MORE...

Action 16: Dublin's Four Local Authorities

Review LECs and identify a small number of specific areas that lend themselves to a coordinated approach ensuring efficient use of collective resources and potential for greater impact on job creation - e.g. Retail, Dublin Food Chain, public wi-fi, tourism, entrepreneurship in schools, and events & festivals.

Update: Ongoing

Narrative:

Consultants were engaged by the four Dublin Local Authorities to prepare a Dublin Enterprise Strategy 2017-2019. As part of the review of existing policy, the consultants examined the Local Economic and Community Plans (LECs) of each local authority to identify potential additional areas for collaboration. The Enterprise Strategy has examined the potential synergies between the

LECPs and presents a range of collaborative actions to be delivered by LEOs / Local Authorities over the 2017-2019 period.

The Strategy was approved at the November 2016 meeting of South Dublin County Council. It was also approved at the December 2016 meeting of Dun Laoghaire Rathdown County Council and is currently for consideration in Dublin City and Fingal County Councils.

When finally approved across the region, local and regional implementation strategies can be prepared and agreed with various SPCs across the DLAs.

The full list of actions in the Strategy is as follows:

Action No.	Key Action	Local Authority	Timeframe (Short/Medium/Long)
1	Using the dublin.ie website as a medium, create and develop an agreed 'enterprise brand' for the Dublin Region to be promoted nationally and internationally.	Regional / All LAs	S
2	Coordinate and collaborate to lodge an application to the EU Committee of the Regions for the <i>European Entrepreneurial Region</i> (EER) awards by the end of the Strategy's lifetime.	Regional / All LAs	L
3	Create an Action Plan to promote, facilitate and incentivise the uptake of vacant and underutilised enterprise space (retail, commercial, industrial, etc.), and to identify and address key infrastructural barriers and increase progression from supported enterprise space. Example: consider use and expansion of SDCC's ' <i>Business Support Grants</i> '.	Regional / All LAs	M
4	Enhance the interrogation of the DJEI's Annual Employment Survey to determine the success of LEO supports in the creation of jobs and the promotion of enterprise, with the aim of being able to more appropriately and effectively assign funds and support.	Regional / All LAs	S
5	LEOs to act to increase their involvement in, and presence at, conferences and showcases, including those related to venture funding, innovation and emerging enterprise areas.	Regional / All LAs	M
6	Develop an online 'Business Opportunities Register' under the 'Working' section of the Dublin.ie website, to be the first place where enterprises and entrepreneurs go to avail of key information and other resources.[1]	Regional / All LAs	S
7	Conduct a 'census of enterprise space' / 'land availability study' with the purpose of determining the total quantum and type (industrial, retail, office, other niche sectors) of business space available to enterprises and the potential capacity for zoned lands to deliver business space.	Regional / All LAs	S
8	Support the provision of flexible incubation and kitchen space for emerging food start-ups and food training and education courses throughout the Region.	Regional / All LAs	L

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9	Identify and promote Dún Laoghaire town as a new Digital, Creative and Technology Hub for the Region.	DLRCC	L
10	Promote Grange Castle and the Dublin Enterprise Zone for large-scale, extensive FDI investment and activity in the Dublin Region using consistent branding, signage and landscaping in each.	SDCC, FCC	S
11	Explore collaborative ' <i>Mountains to the Sea</i> ' tourism opportunities in the context of the ' <i>A Breath of Fresh Air</i> ' tourism marketing campaign to promote the Region's marine and mountain amenities.	Regional / All LAs (as relevant)	S
12	Organise a collaborative FinTech event targeted at the Region's IFS and ICT sectors.	DCC	M
13	Develop a plan to maximise the visibility of local food products as part of the tourism offer of the Region.	Regional / All LAs	M
14	Utilise the outputs of Action 73 of the <i>Dublin Action Plan for Jobs 2016-2018</i> to pilot a best-practice, collaborative, multi-departmental town/village centre improvement initiative, involving the relevant departments of the local authority, as well as local representatives and stakeholders (residents, retailers etc.), with the purpose being to enhance local placemaking and economic vitality. Example: an expansion of the ' <i>Stimulating the Balbriggan Economy</i> ' action plan.	Regional / All LAs	M
15	Promote the principles of CleanTech in all enterprises	Regional / All LAs	S
16	Develop a 'Dublin for STEAM' event to encourage greater awareness of the current and emerging 'Growth Opportunity Areas' for the region amongst secondary-level students and entrepreneurs.	Regional / All LAs	S
17	Local Authorities to work with ETBs and other training course providers to coordinate the streamlining of courses with the aim of improving the delivery of targeted courses to meet specific needs and to minimise inefficient duplication of training and certificate-level courses.	Regional / All LAs	M
18	Appoint a facilitator to conduct a major programme of engagement through seminars, classes, talks, etc. between enterprises and third level institutions that are open to local communities in deprived/disadvantaged areas to make enterprises and the public aware of the innovation taking place in these institutions and the benefits to be garnered through partnership, as well as the opportunities for careers and success.	Regional / All LAs	M
19	Work with the Irish Local Development Network (ILDN) to investigate opportunities for collaboration with the aim of promoting and facilitating social enterprises and innovation.	Regional / All LAs	M

CONNECTING LOCALLY – CREATING SHARED VALUE

Action 18a: Business in the Community (BITCI)

Continue to garner participation from businesses in the Dublin area to roll out pilot CSR initiatives such as the youth employability project.

Update: Ongoing

Narrative:

BITCI continued to grow during 2016, and presently has 83 corporate members in the network together with over 200 businesses participating in our Business Action on Education and Employment Programmes. Our Business Action on Employment programmes, serving Dublin only, continue to tackle two key societal issues: integration and social inclusion. Of our corporate members, over 90% are based, or have a business presence in Dublin.

In June 2016, BITCI formally announced a new youth employability initiative Career L.E.A.P. (Local Employment Action Partnership). Career L.E.A.P. is a new work readiness training programme for young people aged 18-24 from marginalised backgrounds. It has been uniquely developed through a collaborative partnership of BITCI, businesses, Community Groups and Trinity College Dublin. We have come together with a view to reduce youth unemployment in local communities in Dublin's north inner city. Career L.E.A.P. will provide evidence based, quality training, work experience and employment seeking support to marginalised youths.

Funded by the City of Dublin Education & Training Board and Businesses, Career LEAP is a 12 month pilot study. Fifteen BITCI members companies are supporting the Career L.E.A.P initiative.

Action 18b: Business in the Community (BITCI)

Explore the potential, with project partners, of extending the Greening Supply Chains project to include a greater number of businesses in the Dublin area

Update: Ongoing

Narrative:

The Greening Supply Chains project concluded at the end of Q3. The project worked with 10 SMEs operating within the supply chains of the two participating large businesses namely Amgen and Bank of Ireland. This project was an innovative way to encourage large companies to engage with SMEs through their supply chains. The SMEs were supported to:

- to articulate their responsible and sustainable business practices through Sustainability Reporting;
- to identify potential cost saving initiatives related to improvements in environmental performance;
- to provide an opportunity to put an environmental management system in place.

It also provided a mechanism by which the large companies could objectively measure their progress in greening their supply chains.

The project partners were BITCI, Dún Laoghaire-Rathdown County Council, Econcertive. An evaluation process was completed.

The project partners will explore new opportunities in 2017 based on this programme.

Action 18c: Business in the Community (BITCI)

Encourage businesses in Dublin to achieve the Business Working Responsibly Mark (if and as appropriate and audited by NSAI based on ISO 26000)

Update: Ongoing

Narrative:

Business in the Community continues to work with companies to achieve the Business Working Responsibly Mark, a standard in sustainable and responsible business practice based on ISO26000.

At the end of 2016, there were 23 companies certified, and new companies were announced on 25th October as part of the BITCI CEO Breakfast on Responsible Business, hosted in Dublin Castle.

THE IMPORTANCE OF ATTRACTIVE WORLD CLASS PROPERTY SOLUTIONS

Action 21: IDA

Continually review property options across Dublin to identify and market suitable options for new and existing clients.

Update: Ongoing

Narrative:

IDA's Property Division's team and IDA's Dublin Regional Office engage frequently with the private sector and review all property options in the region on an ongoing basis. IDA is actively involved in supporting the private sector and stakeholders such as NAMA design appropriate commercial property solutions that meets the ever changing needs of mobile FDI. As a consequence of this extensive engagement, c. 4 million sq.ft of Grade A commercial office space is currently under construction in the greater Dublin Area with an additional c. 5.5 million sq.ft at planning stage.

Dublin City Council staff regularly meet with prospective or existing owners of businesses in Dublin City regarding potential sites and properties that could be used by these businesses in the City.

THEME 2 A CHANGING SECTORAL DYNAMIC

DEEPENING RESILIENCE – A STRONG ENTERPRISE MIX IN DUBLIN

Action 27: Higher Education Authority (HEA)

Software & Digital – including IT services, data analytics, digital content...:

Contribute to delivering on the national ambition for in excess of 20 Summer Computing Camps to encourage second-level students, including those targeted by the access programmes of institutions, to consider ICT careers, through the Information Technology Investment Fund.

Update: Ongoing

Narrative:

ICT graduates are in high demand; the provision of a steady and increased supply of skilled graduates in this area is a government priority. Higher Education Institutes have been steadily increasing ICT graduate numbers over the last 5 or more years. The Information Technology Investment Fund computing camps encourage students to consider ICT and in particular computing careers. These supports to maintain the stream of students into ICT at third level are critical.

From reports received to date from the HEI's, the Higher Education Authority provided funding to support 29 camps in 2016. Over 1,245 students participated across HEIs. Each HEI was awarded €5,000 to support camps programmes. Camps typically target transition year students and typically run for a week. A particular focus is placed on the inclusion of girls, with some girls' only camps. In 2016 over 40% of participants were female. Six of the publically funded HEIs in the Dublin region ran summer computing camps in 2016.

The ICT summer camps will continue in 2017 and an additional €250,000 has been allocated to expand the number and participation on these camps. A call will issue in March 2017 to request proposals from the higher education institutions.

Action 28: Higher Education Institutes (HEIs)

Software & Digital – including IT services, data analytics, digital content...:

Continue to support Coder Dojo in provision of space, administrative supports and mentoring strategies.

Update: Ongoing

Narrative:

The HEA Information Technology Investment Fund ITIF supports HEI ICT programme retention, and provides annual block funding to HEIs, (€80,000 for Universities and €54,000 for IOTs). HEIs allocate this funding across their specific retention activities. Activities are focused on integration of incoming students, supports and facilities for all students, and targeted activities for students experiencing difficulties. Reports covering activity in 2016 detail over 100 specific retention supports delivered to ICT students. These include learning support centres, additional tutorials over the summer and weekends, peer mentoring, staff retention seminars, group building initiatives, maths learning supports, and improved infrastructure.

Coderdojos are volunteer-led clubs which expose young learners to computer coding at an early age in a club, activity based environment. It began in Cork in 2011 and has become a global movement. There are currently 223 registered clubs in Ireland, and over 1100 worldwide. All HEI computing departments are centrally involved in supporting dojos, providing facilities to host dojos, third level computing students to run clubs and lecturers to provide mentoring strategies. HEIs link their computing camps and computing outreach activities to coderdojo activities and use these to foster greater links with secondary schools within their region.

IT Tallaght run a free, volunteer led (undergrad students) coderDojo session on alternate Saturday mornings for local children between 7 and 17. They learn how to code, develop websites, apps, programs, games and explore technology in an informal and creative environment.

In addition to learning to code attendees meet likeminded people and are exposed to the possibilities of technology. The dojo presents opportunities and access for young people to use equipment and technologies which would not normally be available to them.

Action 29: EI

Internationally Traded Services: Raise awareness amongst Dublin based enterprises of the benefits of adopting Lean principles and increase uptake of Lean initiatives for services activities.

Update: Ongoing

Narrative:

A Lean pilot was rolled out in Dublin in 4th quarter 2016 to bring Lean thinking and support to more companies in Dublin.

The Lean Start-up provides a scientific approach to creating and managing start-ups and getting a desired product to customers' hands faster. The Lean Start-up method teaches you how to drive a start-up, how to steer, when to turn, and when to persevere-and grow a business with a maximum acceleration. It is a principled approach to new product development.

On 27 September 2016, EI hosted an event for clients in the Crowne Plaza Hotel, Blanchardstown Dublin 15 called 'Driving Competitiveness – Facing the Challenge of Brexit'. Approx. 45 clients attended from around the country including from the Dublin region.

On 20 May and 30 September 2016, EI held lean events in East Point for clients in the ICT and Services industry many of whom were Dublin based.

On 5 October 2016, EI held a site visit to Topflight Travel Group, Jervis Street, Dublin 1. Approx. 18 clients attended many of whom were Dublin-based.

Action 30: Science Foundation Ireland

Stimulate greater awareness of innovation in services and business processes amongst Dublin-based enterprises; create an environment that facilitates sharing best practice case studies; and inform and drive the development of appropriate research infrastructures (at nearer to market technology levels) building on the existing base.

Update: Ongoing

Narrative:

Through their engagement with existing clients, IDA Project Executives have focused discussions with clients carrying out Internationally Traded Services, exploring innovation opportunities. Industry groups including the Shared Services Forum and the Inside Sales forum also support an innovative culture across the existing client base.

Action 31

Internationally Traded Services: Stimulate engagement by enterprises in industry placements to undergraduates in data analytics (and other related disciplines) to build capabilities in addressing 'real world' challenges in a workplace environment, noting that data analytics capabilities are relevant to a broad range of sectors.

Update: Ongoing

Narrative:

National College of Ireland (NCI) is a third level education provider with a history of over 75 years of delivering programmes that deliver on current and future skills needs. In 2013, based on scanning the future skills needs across a diverse range of sectors, NCI decided to design a suite of programmes in the area of Data Analytics. With the development of the programmes part funded by the Summit Finuas Network the following programmes were brought to market:

1. Certificate in Data Analytics

2. Higher Diploma in Data Analytics
3. Post Graduate Diploma in Data Analytics
4. MSc in Data Analytics in Data Analytics

These programmes are in high demand and are being consumed in a variety of different ways:

- As fee paying programmes for working individuals to upskill in the area of Data Analytics
- As fee paying programmes for working individuals in the Financial Services sector to upskill in the area of Data Analytics with subvention from the Summit Finuas Network
- As 'free' programmes for those who are unemployed as funded by the Higher Education Authority (HEA)
- As 'free' programmes for those who are in employment but who wish to upskill in Data Analytics under the ICT Skills stream of the Springboard+ initiative funded by the HEA
- As part funded programmes for 'in-company' delivery in Financial Services companies grant aided by the Summit Finuas Network
- As programmes for international students seeking to learn about Data Analytics

The programmes for those not working include work placements with companies such as Aon, Accenture, Electric Ireland, Bank of Ireland, Irish Water to name but a few employers. Graduates of Data Analytics programmes have quickly either gained employment, or accessed higher level positions in a diverse range of organisations both public and private as a result of successfully obtaining their qualification.

NCI have also been approved as the national co-ordinating provider for the new International Financial Services apprenticeships one of which has a Higher Diploma in Data Analytics & Fintech built in to it. This is due to commence, subject to approval from Quality Qualifications Ireland (QQI), in September 2017.

NCI is currently the largest provider of Data Analysts to the Irish employment market.

Action 33: Irish Film Board

Design and creative industries: Work with the Irish Film Board and other agencies to explore the capacity to expand the audio-visual sector, and Dublin's role in that context – both as a production location and as a pool for talent and enterprise.

Update: Ongoing

Narrative:

The Irish Film Board are taking a proactive role in growing the film and TV industry in terms of funding and skills development.

The Irish Film Board have commissioned a report to measure the size / scale and capacity to grow report of the sector – this should be delivered in 2017. The Steering group membership includes the Department of Arts / Dept of Enterprise and Innovation and Dept of Communications. The IFB is in the process of data gathering and will be making Strategic priorities to grow the sector and to contribute to Creative Ireland.

Action 35: Dublin City University

Manufacturing: Develop a proposal to establish a Dublin 'maker space'/TechShop as a catalyst for the hardware start-up ecosystem, based on its potential as a self-sustaining model over the medium term.

Update: Ongoing

Narrative:

The 'Manufacturing 2020' strategy highlighted the need to establish a facility that provides shared, subscription based access (for hardware entrepreneurs, early stage start-ups etc.) to high end, rapid prototyping equipment, software and expertise, in order to facilitate development of new products and solutions. TechShop is the only recognised international provider of such

‘maker spaces’ and DCU Alpha has been working with the TechShop team to develop a suitable business model to bring TechShop to Dublin.

In 2016 Dublin City Council have committed to supporting the TechShop initiative with DCU Alpha and discussions with relevant stakeholders are ongoing.

Large corporate stakeholders have been engaged (4 Jan 2016 workshop and follow-on session on 8 Feb 2016) and have committed to various levels of 'programmatic support' to underpin the long term financial sustainability of TechShop in Dublin.

Substantial municipal capital support (contingent on matched funding) has been committed by Dublin City Council for the purposes of assisting the building and equipping of the facility.

Bridging support is now actively being sought in order to open TechShop.

Action 37: Fáilte Ireland

Food: Develop an engaging and distinct food story for Dublin to enhance the visitor experience that will help to promote Dublin food producers and raise Dublin’s and Ireland’s profile as a quality food centre.

Update: Ongoing

Narrative:

The vision for food tourism is that: ‘Ireland will be recognised by visitors for memorable food experiences which evoke a unique sense of place, culture and hospitality’. The Fáilte Ireland food tourism team provides knowledge and supports to the tourism and hospitality industry to assist them in providing a more ‘memorable food experience’ to the consumer. Fáilte Ireland are currently developing a 3-year food strategy for Ireland which is anticipated for release in Q2 2017.

Below is an update on the activity undertaken by the food tourism team in Dublin:

4 Food champions have been appointed for Dublin

Fáilte Ireland's food champions are emerging players in the food industry who have an impact on their locality and have proven ability to champion Irish food, influence Irish cuisine, promote and develop Irish food tourism

These food champions are:

Garrett Fitzgerald - Brother Hubbard

Ketty Elisabeth Quigley - French Foodie in Dublin/ Delicious Dublin Tours

Padraic Og Gallagher - Boxy House

Seaneen Sullivan - L. Mulligan. Grocer

Events

A bespoke workshop was delivered for the Dublin Food Chain in partnership with Dún Laoghaire Rathdown County Council on 30th September 2016. Over 60 businesses attended the event.

Ireland's First food tourism conference, Food Connect, took place on the 13th and 14th of September 2016. The conference featured international and domestic speakers, food showcases, discussion panels and networking opportunities as well as the unveiling of exclusive new findings on Irish tourism. 25 Dublin businesses attended the event.

Promotion

Dublin's food experience was showcased to 13 international media in November 2016.

- 30 International food influencers came to Dublin on a familiarisation trip
- 3 new food stories delivered for Dublin on Perennial plate an online weekly documentary series dedicated to socially responsible and adventurous food.
- A key note speaker was hosted for the Dublin Gastronomy Symposium.
- There has been a food focus in our international marketing of Dublin on VisitDublin.com:

www.visitdublin.com/dublin-food-markets
www.visitdublin.com/insider-guides-dublin-food

Action 38: IDA

Pharma/BioPharma: Continue to collaborate with NIBRT to ensure success of recent biotech investments in Dublin and potential new investments from Irish owned companies and expansions of established biotech sites.

Update: Ongoing

Narrative:

IDA continues to collaborate with the National Institute for Bioprocessing Research and Training (NIBRT) through meetings and introductions with both Existing and Target clients. NIBRT and its Leadership team are an integral piece of the “Why Ireland” marketing material for Pharma/BioPharma investments in Dublin.

The following job announcements were made during the relevant period:

Deutsche Bank	165	Dublin	IFS
Software One	100	Dublin	TCBS
Alter Pharma	80	Dublin	Life Sciences
Endura Technologies	40	Dublin	Emerging Business
Mac Stadium	35	Dublin	Emerging Business
Storyful	30	Dublin	Emerging Business
SAS	150	Dublin	IFS

Action 39: Fáilte Ireland

Tourism: Implement relevant actions as set out in the Destination Dublin strategy and Grow Dublin Tourism Alliance’s Action Plan. The focus will be on: brand activation; enhancing the visitor experience; cross-promotion; and growing the quality accommodation base.

Update: Ongoing

Narrative:

Fáilte Ireland's Dublin Programme plan has 3 key pillars which feed back into the Destination Dublin strategy. The objective of the strategy is to increase visitor number to 6.4 million by 2020 and increase revenue to 2.6 billion. The 3 pillars are **Experience development, Trade engagement** and **Marketing and communication**. Through these 3 pillars Dublin is developed as top tourism destination and marketed overseas to potential visitors.

Experience Development

Festival development: Fáilte Ireland has invested 2.1 million in 41 regional and 13 national festivals with an emphasis on those which take place in the shoulder season. The development of festivals will enhance the visitor experience in Dublin, increase visitor numbers to Dublin and also grow Dublin's reputation internationally.

Dublin Discovery Trails: Fáilte Ireland in partnership with Dublin City Council developed 4 Discovery Trails in 2016 bringing the total number of trails to 8. These trails allow visitors to explore and discover the breadth of what Dublin has to offer, help them to navigate the city at their own pace and enhance the visitor experience on the ground.

Dublin Orientation Strategy: Fáilte Ireland is working with the National Transport Authority and the 4 Dublin Local Authorities on the development of an orientation strategy for Dublin which will help visitors to move around Dublin with confidence by foot, by bike and public transport. This strategy will be in line with the new Dublin brand and feed into the Destination Dublin strategy.

Trade Engagement

Dublin Champions Programme: The Dublin Champions Programme is a new initiative by Fáilte Ireland which invites front facing staff in Dublin tourism businesses to take part in a three-part programme which aimed to make them the ultimate champion for their city. The programme consisted of a three-hour

workshop, a guided walking tour of Dublin's Liberties area and an awards and networking evening in City Hall. Participants were also given tickets/passes to participating attractions in order to encourage them to experience all Dublin has to offer and step into the shoes of a Dublin visitor. The Dublin champions are encouraged to cross promote business and therefore enhance the visitor's experience. 200 frontline staff became champions in 2016.

Management Development Programme: In November 2016, 21 visitor attractions in Dublin completed the Fáilte Ireland Management Development Programme for Visitor attractions. The programme consisted of workshops, expert guest lectures, mentoring sessions, and a benchmarking site visit to Edinburgh. The programme helped participants gain new insights to strategically develop their attractions and take practical steps to further improve the experience for the visitor. Participants had access to industry practitioners, university lecturers from Trinity College and Ulster University and consultants in the areas of business planning, interpretation, leadership marketing and international sales.

Marketing and Communications

Digital Marketing

Fáilte Ireland's Dublin programme team are constantly developing new content for the Visitdublin.com which has 3.1 million visits per year. Visitdublin.com motivates potential visitors to travel to Dublin through engaging content and is a planning tool for visitors before they arrive in Dublin and during their stay. The content developed is pushed out through Failte Ireland's social channels Facebook (136k likes), Twitter (80.7k followers), Instagram (86.3k followers) and You Tube (2,820,451)

International Campaign for Dublin

Building on the success of the 'A Breath of Fresh Air' launch in Great Britain in 2015 and in line with the strategy, Fáilte Ireland developed a campaign for targeting the Culturally Curious segment in Great Britain to inspire this segment to reappraise Dublin and consider booking a trip to Dublin in the shoulder season.

The campaign featured across: Print (1.6 million reach), Digital (5.1 million reach), Out of Home (2.9 million reach) and radio (6.1 million reach) using images and content that reinforces Dublin's must-do list while getting off the beaten track and discovering Dublin for yourself. The call to action was visitdublin.com. Additionally, Fáilte Ireland partnered with Dublin Airport Authority of the 'First Welcome' campaign

This is the first message visitors saw when they arrived and it drove recognition and awareness of Fáilte Ireland's core consumer message for Dublin. Results of the campaign will be available in February.

Co-branding Partnerships with the Tourism Industry

The Dublin Programme Team brokered and built brand partnerships with a number of Fáilte Ireland's tourism providers to boost tourism to Dublin by enhancing Dublin's brand visibility.

Action 40: Fáilte Ireland

Tourism: Activate a suite of festivals to drive increased tourism business in the off-peak season, e.g., St Patrick's Festival, Bram Stoker in October, and New Year's.

Update: Ongoing

Narrative:

Fáilte Ireland invested 2.1 million into 44 festivals in 2016. The Dublin programme team work closely with all festivals through funding, support and overseas marketing. The key festivals include - St Patrick's Festival, Tradfest, Bram Stoker and New Year's Festival Dublin.

Fáilte Ireland and Dublin City Council own and develop New Year's Festival and Bram Stoker festival, developing the entire program for the festivals and manage the delivery.

All festivals bring Dublin's proposition to life, they animate the city, enhance the visitor experience encouraging international visitors to come to Dublin in the shoulder seasons.

The festival organisers were invited to attend a Dublin brand workshop and all festivals incorporated the Dublin's brand into the collateral and promotional material. Festivals are a key part of the experience development pillar.

Action 41: Retail Associations

Retail: Raise awareness of the existing case study examples of Irish owned retailers that have successfully targeted international markets including through on-line offerings, delivering distinctive services and/or based on innovative business models/technology platforms with the support of Enterprise Ireland.

Update: Ongoing

Narrative:

Members of the Retail Consultation Forum, which includes retail associations and relevant Government Departments, continue to work on identifying initiatives to enable retailers to minimise the threat from online trading and maximise the opportunities, including the use of case studies such as beneficiaries of the Trading Online Voucher Scheme and through enhancing the digital skills offering.

Action 42: Local Authorities

Retail: Raise awareness of licences.ie and ensure that relevant licence applications are available to businesses through the website, with a focus on retail in the first instance.

Update: Delayed

Narrative:

The Local Government Management Association (LGMA) has completed the procurement process and An Post was selected as the preferred supplier. However there are data protection issues which have resulted in a delay in the implementation of the online service.

Action 43: EI

Construction: Work with industry organisations to promote the use of Building Information Modelling (BIM) and LEAN and develop the appropriate technical skills amongst Irish construction sector firms so that they can successfully compete in markets where BIM is widely adopted or a requirement.

Update: Ongoing

Narrative:

Enterprise Ireland continue to support the Lean Construction Ireland group to ensure the adoption of Lean thinking in the Construction sector, including the adoption of BIM.

Action 44: EI

Freight, Transport, Distribution & Logistics: Develop an industry led Logistics Skills Engagement Group with a common purpose of enhancing Ireland's logistics and supply chain skills capability.

Update: Ongoing

Narrative:

The National Institute Training and Logistics, in the Dublin Institute of Technology are working to secure the collaboration of partners for the setting up of the Logistics Skills Engagement Group. At the same time several actions have been implemented with the support of individual stakeholders as follows:

- A new Logistics and Transport Skillnet Training Programme, promoted by the Chartered Institute of Logistics and Transport has been agreed. It seeks to grow the skill base in the international trade and domestic freight transportation sectors.
- The National Apprenticeship Council has approved new apprenticeships for HGV driving (supported by the Irish Road Hauliers Association and for Warehousing and Storage (supported by the National Institute Training and Logistics).
- ETBs are providing a range of HGV driving programmes for job seekers at centres around the country (including within the Dublin Region at Tallaght , Ballydoyle and Loughlinstown Training Centres).

Action 45:

Freight, Transport, Distribution & Logistics: Act as a voice for 3rd level education institutions that deliver programmes relevant to the FTDL sector and as a first point of contact for industry.

Update: Complete

Narrative:

The National Institute Training and Logistics (NITL) in the Dublin Institute of Technology has accepted responsibility to act as a voice for 3rd level education institutions that deliver programmes relevant to the Freight, Transport and Logistics Sector and as a first point of contact for industry.

Their courses include a full-time and part-time Executive M.Sc in Supply Chain Management; structured research degrees; and a range of short modular courses to suit individual employee needs. NITL is also working with companies to provide bespoke, Supply Chain Management Programmes. NITL is also conducting academic and applied research into aspects of supply chain management and sustainable transport.

THEME 3 DUBLIN – A WORLD CLASS START-UP CITY

RAISING DUBLIN’S PROFILE INTERNATIONALLY AND NATIONALLY AS A START-UP HUB

Action 48a: Dublin County Council

Monitor Dublin’s performance specifically on the key international start-up ecosystem rankings, including the Global Start-up City Ranking, the European Digital City Index and others and report the current rankings in the Dublin Economic Monitor

Update: Ongoing

Narrative:

Rankings are monitored on an ongoing basis and are publicised on a quarterly basis as part of the Dublin Economic Monitor which is available at www.dublineconomy.ie. Issues 6 (July 2016) and 7 (October 2016) covered the last half of 2016.

Action 48b Dublin County Council

Identify the key indicators where uplift in performance is required to influence the overall ranking and provide the evidence to stimulate coherent responses by relevant stakeholders (and including the Local Authorities themselves)

Update: Ongoing

Narrative:

Rankings are monitored on an ongoing basis and are publicised on a quarterly basis as part of the Dublin Economic Monitor.

The latest issue confirms Dublin’s strong performance across a range of internationally published benchmarks. A copy is available at the link below

<http://www.dublineconomy.ie/#latest>

Action 49: Department of Foreign Affairs and Trade

Actively seek to increase Dublin’s visibility and profile internationally as a start-up location through targeted networking within tech/start-up hubs aimed at internationally-focused funders, accelerators, tech networks, and tech media as well as local economic development and trade promotion agencies

Update: Ongoing

Narrative:

The Department of Foreign Affairs and Trade, in Ireland’s 27 priority markets and across the Embassy network more broadly, has invested a great deal of effort throughout 2016 in promoting Dublin as a tech destination of choice for both investors and start-ups. Under the Action Plan for Jobs the Department of Foreign Affairs and Trade coordinates international messaging on a quarterly basis at HQ for use by the Embassy network and overseas state agency offices, as a part of which there is dedicated messaging showcasing Ireland as a “start-up” location.

At Embassy/Consulate General level, initiatives from a sample of Missions across a number of strategic regions include the following:

- Embassy Warsaw has actively promoted Dublin as a prime location for technology sector FDI and has engaged in particular with regional enterprise agencies in the city of Wrocław, a major technological and financial hub in Poland.
- The Department of Foreign Affairs and Trade, through Embassy Moscow, has funded and supported a number of EI-led events in Russia that aim to increase Dublin’s visibility as a start-up location. At one such event on 20 September 2016, hosted at one of Moscow’s leading ICT hubs, DI Telegraph, key speakers from the Dublin start-up community showcased Ireland’s tech ecosystem to a select audience of top start-up and VC influencers. Further afield, the Ambassador also led a delegation to the Kazan Venture Fair in Tatarstan from 26-27 April 2016.

- In Beijing, Team Ireland has strongly promoted Dublin as a future host of the Great Wall Club Global Mobile Internet Conference in May 2016 where over 35,000 people attended.
- Embassy Tokyo hosted a networking reception and research seminar on 'Cloud Computing in a Global Context' on 18 February 2016, which was addressed by five researchers from the Irish Centre for Cloud Computing and Commerce (IC4) based at DCU. Links were subsequently forged between these Dublin-based researchers and leading IT contacts at Tokyo Institute of Technology (Tokyo Tech) and the University of Tokyo.
- The Consulate General in Austin, Texas, with local IDA Ireland and Enterprise Ireland colleagues, continues to engage extensively with key contacts across Austin's fast-growing start-up scene to promote Dublin, and Ireland, as a top global start-up location. The Consulate also supported the Dublin Start-Up Commissioner and Start-Up Dublin with their extensive and successful initiatives during South by South West (SXSW) which took place between 11 – 20 March 2016, one of the world's largest and most successful tech and innovation events.

Action 50: Fáilte Ireland

Assess the potential to host an international start-up event in Dublin aimed at raising Dublin's profile on the world stage, showcasing Ireland's technology rich enterprises and entrepreneurial capabilities, and attracting overseas entrepreneurs, business people and investors.

Update: Ongoing

Narrative:

Dublin Tech Summit

Fáilte Ireland is providing extensive support to the event and will have a presence throughout at the venue. In addition, the Dublin programme team has designed a pilot programme with the organisers to encourage delegates to extend their stay in Dublin around their attendance. It will take place in the

Convention Centre Dublin on 15 and 16 February 2017. To date the event has in excess of 6,000 delegates registered.

Inspirefest

The event had 1,400 delegates in July 2016 and over sixty leaders from the global tech industry, mostly women, were in Dublin to speak at the second annual Inspirefest event. Inspirefest 2016 was the biggest tech and science event to take place in Ireland in 2016 and the topics covered everything from the future of gaming to designing human-centric products and services for the 21st century to the collaborative economy.

The genesis of this was in 2013, when SiliconRepublic launched the ‘Women Invent’ campaign which champions the role of women in science, technology, engineering and maths. At a time when there are skills shortages across these sectors, this was not only the right thing to do, but was also the smart thing to do.

The event is scheduled again for July 2017 with registration already opened.

Digital Biscuit

400 delegates attended in 2016 with plans in place to grow the event in 2017.

Net Explo

This is confirmed for The Helix at DCU in autumn 2017. It expects to attract 2,000 delegates through the event duration

GMC/GMIC

Inter-agency work is still ongoing to secure the event for Dublin

Action 51: Fáilte Ireland

Assess the feasibility of running an international start-up Competition to complement an international event with clear objectives, outcomes, ownership and resource commitments (including private sector).

Update: Delayed

Narrative:

A large number of organisations could be involved in this project and an umbrella organization to take the lead has yet to be identified.

A JOINED-UP OFFERING ON ENTERPRISE SPACE FOR START-UPS

Action 52: Dublin City Council

Undertake an audit of available enterprise incubation/start-up and scaling space in the public and private sector in Dublin City Council area, with the aim of extending the audit across the four Local Authority areas over time. Make the information available through the Dublin.ie web portal and update on a quarterly basis.

Update: Ongoing

Narrative:

Dublin City Council have set up an enterprise space working group and an audit of enterprise space will be undertaken in 2017. A list of existing enterprise centres, incubators, accelerators, third level innovation centres, co-working spaces and enterprise support organisations that use enterprise space for developing entrepreneurs will be compiled. In 2017 it is intended to publish this list on Dublin.ie under the 'Working' section and add to it as more enterprise space suppliers are identified. It is intended to GEO map the spaces that are identified. Dun Laoghaire-Rathdown, Fingal and South Dublin Local Authorities will be asked to include the Enterprise Space available in each of their regions.

Action 53a: Local Enterprise Offices

Drive the development of an integrated city-wide offering on enterprise space for start-ups - StartupSpaceDublin and as a first step: link & promote the community enterprise centres in the city region as a joined up offering

Update: Ongoing

Narrative:

As per the protocol between Enterprise Ireland and the National Association of Community Enterprise Centres [NACEC] regarding the LEOs, there are 16 Community Enterprise Centres [CECs] in the Greater Dublin Region. The protocol clearly lays down the roles and responsibilities of the LEOs and outlines in particular specific areas of co-operation which include transfer of clients, training opportunities and integration of support packages.

In addition there is other enterprise space – frequently associated with third level institutions and privately owned. Each LEO is familiar with these in their own area and works closely with them. For example – DLR LEO collaborates with the Institute of Art, Design & Technology (IADT) in relation to the Media Cube which offers early stage digital ventures state-of-the-art facilities and a vibrant environment designed to help businesses grow.

Action 53b: Local Enterprise Offices

Develop a virtual incubation offering that optimises specialisms and enables access to resources across Dublin HEIs.

Update: Ongoing

Narrative:

As of December 2016, planning was at an advanced stage with positive indications of progress.

STRENGTHENING START-UP CAPABILITIES FOR SUSTAINABLE GROWTH

Action 54: Enterprise Ireland

To drive capability of entrepreneurs in Dublin, launch a reformulated New Frontiers programme based on recommendations from a recent review, working closely with the successful Institute of Technology providers in Dublin.

Update: Ongoing

Narrative:

New Frontiers is Enterprise Ireland's national entrepreneur development programme for innovative, early-stage start-ups. It is a three-phased programme, based in 14 campus incubation centres across the country. In the Dublin Region, New Frontiers is delivered by the DIT, Blanchardstown Institute of Technology and Tallaght Institute of Technology. EI has agreed a 5-year programme for New Frontiers with each of these third level providers starting later H2 2016.

In total 48 places over the three programmes are available each year for eligible projects in Phase 2. Eligible participants selected for Phase 2 receive a €15,000 stipend over the 6 months duration of the programme

There were four Phase 2 New Frontiers programmes in Dublin in 2016: DIT 8, DIT 9, IT Tallaght (ITT), and IT Blanchardstown (ITB). There were 13 participants in the ITB programme, and 13 participants in the ITT programme. There were 15 participants in DIT 8 programme - 5 whom were approved for Competitive Start Funding by EI. There were 15 participants in the DIT 9 programme, 3 of whom were approved for CSF funding by EI.

Action 55: Enterprise Ireland

Create a single business mentors database for use internally by the main State supported services, building on the existing databases held by Enterprise Ireland and individual LEOs. This database would be centrally managed and maintained by Enterprise Ireland, with the aim of widening access to mentors

as appropriate, reducing duplication and increasing efficiencies. The search function will allow information to be distilled regarding expertise, e.g. functional and/or sectoral, experience, interests, regional reach etc.

Update: Ongoing

Narrative:

EI set up a sub-group of DJEI's National Mentoring Working Group with 4 LEO representatives to look at this. EI identified 670 LEO mentors (in 30 / 31 LEOs) who were surveyed; 250 LEO mentors took part in the survey.

EI created an Excel database searchable by skills, sector, market experience and a directory of LEO mentors Bios. BPI & IT unit in EI created a SharePoint portal for these mentor details, and the EI Centre of Excellence will oversee the database updates along with the LEO's, who will have access to the SharePoint database to allow updating of information.

EI are currently investigating the process of recruitment of LEO mentors to ensure more consistency nationally, in collaboration with the LEO network (and with regard to procurement rules).

Action 56: Enterprise Ireland

Undertake workshops (16 nationally, including Dublin) and one-to-one mentoring support under the Enterprise START programmes aimed at encouraging entrepreneurs with the potential to develop innovative export orientated projects.

Update: Ongoing

Narrative:

For entrepreneurs who have an idea for an innovative and ambitious start-up business that has the potential for exporting and growth in International

Markets, Enterprise Ireland can assist them in exploring the new business idea through the Enterprise START Workshops.

Workshops can help entrepreneurs build the foundations for success by understanding:

- Your customer
- Your market
- Your funding needs

The workshops are practical, interactive and thought provoking. Participants are provided with comprehensive information to understand the business development process, including the key success factors and potential pitfalls, as well as an outline of financial supports available from Enterprise Ireland and the Local Enterprise Offices

During 2016 there were 5 Enterprise START workshops held in the Dublin-Mid East Region.

One workshop was held in Eastpoint, Dublin on Feb 25th 2016 with 12 participants. Two of the participants returned completed business propositions to avail of one-to-one meetings. The second START workshop held in Dublin was on the 6th of December 2016, 13 participants attended.

There were 3 other Enterprise START workshops, which were held in Bray on the 7th of September 2016, this had 15 participants. The workshop held on the 14th of April 2016 was in Newbridge. This had 20 participants. The workshop in Meath was held on the 16th of June 2016 and had 10 participants.

Action 57: Enterprise Ireland

Implement tailored mentoring programmes to Enterprise Ireland clients in Dublin as part of contributing to the national target of 300 initiatives for 2016 as set out in the National Action Plan for Jobs 2016.

Update: Ongoing

Narrative:

Enterprise Ireland has supported a total of 113 mentor assignments in Dublin/Mideast so far in 2016 with client companies. Update: There have been approx. 165 assignments started for Dublin clients in 2016.

Sectors in which companies needed mentors in 2016 in Dublin.

BPO & Consumer Business Services	26
Construction; Cleantech & Consumer	10
Consumer Food (incl. meat & dairy); Poultry; Seafood & Horticulture	1
Dairy; Functional Foods/Ingredients; Beverages & Food Technology	10
Digital Technologies	49
Electronics	3
Engineering	3
Fin Tech & Education Services	21
Life Sciences	4
Timber; Paper Print & Packaging	1
BPO & Consumer Business Services	26
Construction; Cleantech & Consumer	10
Consumer Food (incl. meat & dairy); Poultry; Seafood & Horticulture	1

Action 58: Office of the Dublin Commissioner for Startups

Roll out a series of linked initiatives as part of the start-up/MNC engagement programme under the auspices of the Dublin Commissioner for Start-ups to include: themed networking events; MNC pitch events; information dissemination.

Update: Ongoing

Narrative:

Through the start-up/MNC engagement programme, the Office of the Dublin Commissioner for Startups aims to encourage and facilitate MNCS in supporting growth and innovation by Irish startups. The key tool for the project is TechIreland, which was launched in Beta in June and enables the

Commissioner for Startups to establish which startups and MNCs are working in the same subsector. It also encourages MNCs to outline the packages they have made available specifically for startups.

The Startup Commissioner has asked the MNCs to propose an evangelist to run events and provide technical mentoring to suitable startups.

REALISING UNTAPPED ENTREPRENEURSHIP POTENTIAL

Action 59: Enterprise Ireland

Run a female start-up initiative with NDRC: Making Ventures Happen.

Update: Complete

Narrative:

As a pilot, a joint initiative between Enterprise Ireland, Competitive Start Fund and the National Digital Research Centre (NDRC), a competition was organised specifically for Female Entrepreneurs or female-led start-ups, between Tuesday 1st March 2016 and Tuesday 22nd March 2016. Over 100 applications were received. This call for applications was open to start-ups with technology at the heart of the innovation, engaged in manufacturing or internationally traded services. Some 15 projects were selected for funding in Q2 2016.

Action 60: Enterprise Ireland

Launch two Competitive Call for Proposals targeted at attracting overseas start-ups to establish in Ireland.

Update: Ongoing

Narrative:

The purpose of the Competitive Start Fund is to accelerate the growth of start-up companies that have the capability to succeed in global markets. The fund is

designed to enable those companies reach key commercial and technical milestones, for example:

- Evaluate overseas market opportunities and reach firm conclusions regarding the viability of the proposed business.
- Build a prototype.
- Secure a reference site.
- Develop a market entry plan for exploiting international opportunities.
- Secure partnership deal or strategic alliance.
- Identify suitable channels to international markets.
- Secure third party investment e.g. business angel, Venture Capital.

There was a competitive call launched in H1 2016 with the final evaluation (pitch competition) held in Galway on June 1st. As a result 10 projects each received €50,000 investment.

A second call opened on 24 August with shortlisted applicants travelling to Ireland in late November. To promote the fund as widely as possible, EI have been in contact with external contacts with international reach to request their support in pushing the message out there.

EI particularly targeted contacts and organisations that are likely to have a wide international reach/influence such as university alumni, international consultancy firms, etc.

CSF 38 – Overseas

A second call for applications to the Competitive Start Fund for start-ups based outside of Ireland and who are willing to relocate to Ireland opened on Wednesday 24 August 2016, 57 eligible applications were received by the call close on Wednesday 7 September 2016. Following a two phase assessment process 8 projects were selected for funding. 13 start-ups were invited to Cork to pitch directly to the evaluation panel on 18 November in UCC. This International Competitive Start Fund pitch date was timed to coincide with Cork's hosting of the Global Entrepreneurship Network's Start-Up Nations' Summit.

As a result, Enterprise Ireland was able to offer the participants invited to pitch the opportunity to participate in some excellent events associated with the Summit while in Cork.

THEME 4 DUBLIN – 21ST CENTURY TALENT FOR ENTERPRISE

STRENGTHENING COLLABORATIVE DIALOGUE BETWEEN EDUCATION AND ENTERPRISE

Action 63: Enterprise Ireland

Organise and host an International Conference on Engagement between HEIs, Industry and Community aimed at identifying new, and improving existing, models and approaches to stakeholder engagement.

Update: Delayed

Narrative:

This conference will now be run in 2018 instead. The planning phase has now commenced and in addition to Purdue University the conference will now be run jointly with their Canadian partners.

Dublin Castle has been for booked for the week after the October Bank Holiday weekend in 2018 and the conference is going to include a European universal design event.

ESTABLISHING A TECHNOLOGICAL UNIVERSITY OF DUBLIN

Action 64: Institute of Technology Blanchardstown (ITB)

Implement the steps necessary to create the new Technological University for Dublin.

Update: Ongoing

Narrative:

The implementation of the TU4Dublin Programme is continuing and is now focussing on the projects that require completion prior to designation. Enactment of the TU legislation is awaited.

INTERNATIONAL STUDENTS... RAISING DUBLIN'S PROFILE AND MAKING CONNECTIONS

Action 65: Higher Education Institutions

Contribute to meeting the medium-term national target for international students to represent 15 percent of full-time students in a manner that reflects HEIs individual situation and national needs.

Update: Ongoing

Narrative:

International students currently represent 11% of Full Time students in publically-funded Higher Education Institutes. Of all full-time international students in publicly funded higher education institutions 50% are attending Dublin based institutions.

The HEIs have set international student targets as part of their annual strategic dialogue with the Higher Education Authority (HEA). The HEA is also a member of the High Level Working Group for the Internationalisation Strategy and works with relevant stakeholders towards achievement of the target increase of student mobility numbers to 3,600 (study and traineeships) through increased Erasmus+ activity.

EMBEDDING ENTREPRENEURIALISM, DESIGN-THINKING AND CREATIVITY IN OUR NEXT GENERATION

Action 67 Higher Education Institutions

Create a Dublin region networks of start-up incubators and accelerators aimed at boosting the number and success rate of technology entrepreneurs among university students and graduates (building on the start-up accelerators already in place).

Update: Ongoing

Narrative:

Planning is at an advanced stage with positive indications of progress.

Action 68: Higher Education Institutions

Increase entrepreneurial behaviours by HEI postgraduate and postdoctoral researchers by implementing practical initiatives such as master class webinars, short term enterprise-based research scholarships; and/or sector specific industry information sessions & training initiatives.

Update: Ongoing

Narrative:

As reported during the Strategic Dialogue Process, Higher Education Institutes are working to mainstream the provision of the skills and attributes 'articulated in the Irish Universities' Association PhD Graduates' Skills4 statement, including 'entrepreneurship and innovation' into doctoral programmes.

The National Framework for Doctoral Education endorses 'entrepreneurship and innovation' as key educational objectives for all graduates of Irish doctoral programmes. Terms of Reference are currently being developed for an Advisory Group for implementation of the National Framework for Doctoral Education' which will progress this agenda further.

Action 69: Junior Achievement Ireland

Assess the potential to expand the MAKESHAPECHANGE schools programme to 38 schools in Dublin City (teaching of creative problem solving, and innovation skills etc. in schools), following a review of the initiative.

Update: Complete

Narrative:

Initial action is complete. Programme embedded in Junior Achievement Ireland curriculum.

The MAKESHAPECHANGE programme (which Junior Achievement refers to as ‘Power of Design’) has been a huge success, with positive feedback from students, teachers and volunteers. There has been great interest from design volunteers via the Pivot website and also links that have been developed in design agencies in Dublin.

The target for the 2015/2016 school year was to deliver 38 programmes. 32 were delivered to June 2016; with the remaining 6 completed in Q4 2016 ensuring that all modules have taken place within the 2016 calendar year. The programme is being extended in 2017 to reach 50 schools in the Dublin City Council area. The Minister for Jobs Enterprise and Innovation will be acknowledging school and volunteer input into the programme development at an event early 2017.

Sharon Murray, Director of EBow digital agency, and also Board Member of the the Institute of Creative Advertising and Design (ICAD), was one of the volunteers on this initiative and has already expressed interest in taking part next year. She has been nominated for the Institute of Advertising Practitioners in Ireland (IAPI) Doyenne Award and published a piece on the IAPI blog in which she mentioned her experience with Junior Achievement, the link is here: <http://iapi.ie/blog/>

DUBLIN – A HUB FOR HACKATHONS

Action 70: DCU

Raise Dublin’s profile as a hub for Hackathons with at least one Hackathon per quarter initially, with the aim of progressing to one per month to simulate innovation and as a catalyst for start-ups. The thematic areas should be

consistent with the themes and areas for opportunity set out in the Dublin Action Plan for Jobs.

Update: Ongoing

Narrative:

Over 100 DCU students came together on the weekend of the 4-6 March 2016 for a weekend long hackathon. This event provided a platform for students to immerse themselves in the process of moving an idea to market while making invaluable connections to Dublin's entrepreneurial community.

Hitch, a car-pool app which allows student drivers and fellow students to connect and share transport was the winning idea at the 2016 DCU Hackathon.

CAREER FOCUSED EDUCATION

Action 71: TU4D (Technological University – DIT, ITB and ITT)

Develop an engagement model with enterprise that will shorten the time-to-work of learners as well as time-to-delivery for sectoral-specific education and training needs.

Update: Ongoing

Narrative:

The engagement model is currently under development in preparation for implementation in the Technological University. Enactment of the Technical University legislation is awaited.

Action 72: Department of Education

Increase apprenticeships and traineeships in Dublin linked to defined enterprise needs as part of the National Skills Strategy

Update: Ongoing

Narrative:

The Regional Skills Forum (RSF) Manager Dublin sits on the Apprenticeship Council and therefore continues to work with the Apprenticeship Council to assist in developing apprenticeship proposals into sustainable national apprenticeships.

The RSF is also linking with educational partners within the Dublin Forum to progress on traineeship offerings in Dublin in Hospitality & Engineering specifically as pilot programme.

In November 2016, an inaugural Apprenticeship Fair was held with the DNWP (Dublin North West Partnership). The Fair featured twenty-six exhibitors including Regional Skills Dublin, Dublin Institute of Technology (DIT), the Construction Industry Federation (CIF) and attracted over 600 attendees throughout the day. It allowed a wide opportunity to highlight this particular career path through various apprenticeship offerings and learners to discussion progression routes from same. There are discussions to host the event on an annual basis and widen the opportunity for additional new apprenticeship approaches potentially validated in 2017.

THEME 5 DUBLIN - CITY OF THE WORLD THAT FEELS LIKE A VILLAGE

CELEBRATING AND PROMOTING DIFFERENCE

Action 73: Local Authorities

Explore and share best practice strategic approaches to urban and village space revitalisation both in the Dublin context and tapping into international experience.

Update: Ongoing

Narrative:

The four Dublin LEOs will work in a co-ordinated capacity at regional level to explore and share best practice strategic approaches and proposal to urban and village space revitalisation both in the context and tapping into international experience.

The four Dublin local Authorities have all undertaken specific projects and initiatives in relation to urban and village space revitalisation in accordance with their Local Economic and Community Plans. For example:

Fingal County Council, in conjunction with the Balbriggan Chamber of Commerce, are currently piloting a scheme which provides financial grants to businesses wishing to enhance shop fronts in Balbriggan Town Centre with the intention of revitalising the urban centre of the town and increasing footfall and retail activity. The deadline for applications was 24 February 2017 with all grant aided work to be completed by the 31 March 2017. In total 44 applications were received, with 37 receiving approval.

Fingal County Council has also received funding for seven projects under the Town and Village Renewal Scheme. The purpose of these projects is to revitalise towns and villages with a population of less than 10,000 by increasing footfall levels. Work is currently underway at the seven locations and is due for completion by end Q2 2017.

Dún Laoghaire-Rathdown County Council established the Occupation of Vacant Commercial Premises Scheme to encourage new businesses to occupy commercial premises that have been vacant for a period exceeding 6 months. The Scheme is applicable to subject premises which have a rates valuation of no more than €60,000. It operates by lowering the entry costs through a grant related to the level of rates payable on the property.

Dún Laoghaire-Rathdown County Council also operate a Shop Front Improvement Scheme which is an initiative to improve the overall appearance of shop fronts and commercial properties that front onto public streets within Dún Laoghaire-Rathdown. Business owners of existing independent shops in the County are eligible to apply for assistance. The Council will cover up to 50% of the shop front cost with a maximum allowable grant of €3,000 per applicant.

South Dublin County Council Villages Initiative - since January 2015, there have been 7 projects completed under this initiative in Palmerstown Village, Manor Road, Limekilm, Rathcoole Village, Newcastle Village, paving repairs (in Tallaght and Lucan villages), Rathfarnham Village. Most of the project included new paving, bollards, parking rearrangement, new street furniture, public lighting and landscaping. Expenditure to the end of 2016 on this initiative is over 1 million. Work programme for 2017/18 is also underway at 9 separate locations.

Dublin City Council - Ballymun update

A Local Area Plan for Ballymun is in the process of being prepared and is about to enter the 2nd public consultation stage. The preparation of a Local Area Plan is identified as an objective of the Dublin City Development Plan 2016-2022. The LAP will provide an updated strategy for the future development and management of the area to meet the needs of the existing and future population of Ballymun. DCC has just commenced the CPO of the Ballymun Shopping Centre that will eventually see the site made available for mixed use development. DCC has also agreed to the disposal of the Northern Site at Balcurris to Lidl which will see a new supermarket with smaller retail units and student accommodation.

The Ballymun 4 business (B4b) network was reactivated by the Economic Development Officer in 2016 which culminated in an official launch in March 2017. Membership has grown to nearly 40 businesses & organisations in that time. The profile of Ballymun was raised by the design and implementation of 2 events under the 'StartUp Ballymun' initiative. The 2nd event, 'How to Grow Your Business in a Digital World' took place in the Council Chamber of the Civic Centre, Ballymun and over 60 people from all over North Dublin attended the event. The EDO has taken over the marketing of the vacant commercial units in Ballymun which has led to an increase in the level of interest in the units.

The Liberties

Since 2014, Dublin City Council through its South Central Area Office has advanced an ambitious programme of urban regeneration in Dublin 8, including The Liberties, Blackpitts, Dolphins Barn, Rialto, Kilmainham and Inchicore. The programme is seeing very significant levels of investment in an area of the city which has previously suffered from underinvestment and underperformance. It is supporting various State initiatives including:

- the construction of the National Children's Hospital and improvements in healthcare in the city, including the expansion of healthcare innovation and med tech sectors;
- employment centres such as the Digital Hub and NDRC and efforts to attract tech and media FDI to the city;
- public transport improvements in train, bus and Luas;
- the development of new housing and the creation of a more sustainable urban community.

The area is also at the heart of continued growth in the city's tourism sector with 5 of the city's major attractions located here, including The Guinness Storehouse, the State's largest paying attraction (1.6m visits in 2016) and the development of new attractions and visitor accommodation. The area is located on The Dublin Discovery Trail – a linear experiential route through the city developed by Fáilte Ireland and Dublin City Council.

With over 23,000 people living within a 2km sq area, The Liberties is among the city's densest neighbourhoods with a resulting requirement to investment in housing, amenities, education and employment.

The four Local Authorities actively engage with each other on a continuous basis and appropriate level, and with all stakeholders who play a key role in linking local economic development with regional and national planning through oversight of LECs and involvement in regional economic fora.

Action 74: Local Authorities

Examine how the unique offerings of Dublin neighbourhoods, villages and town centres from a living, working and investment perspective can be elevated in the context of Dublin promotional activity through for example Dublin.ie.

Update: Ongoing

Narrative:

In 2017 Local Dublin Regional Neighbourhoods and Villages will be featured in articles promoting their area on the Dublin.ie website.

The Dublin.ie site won the best government/local government category at the Web Awards in September 2016. The Dublin.ie team, based in Dublin City Council, are in regular contact with the events sections of the other Dublin Local Authorities to ensure that events listed on Dublin.ie's "Whats On" section reflect the county as a whole. Major events in the other 3 authorities such as the Mountains to Sea Festival Book Festival, Skerries Trad Music Weekend and the Fingal Film Festival, etc. are featured on an annual basis along with other smaller events. Currently this is done on an event by event basis, however the intention is to put a structure in place in 2017 to ensure that all business, cultural and family events and festivals happening throughout the county are captured on Dublin.ie's "Whats On" section.

Published commissioned articles are added to Dublin.ie on a weekly basis. The articles are published under the categories of living, working and learning and are directed at the interests of the target audience, which is people living in Dublin or thinking of coming to Dublin, to visit, work or study. While many of the articles focus on topics relating to the city centre area, articles relating to issues in the other three local authorities are also published, e.g. George’s Fish Shop - Monkstown, Institute of Art Design and Technology - Dún Laoghaire, Dublin Uncovered – Dundrum, etc.

The Dublin.ie team meets both staff from “VisitDublin”(Fáilte Ireland) and “DublinTown” (Dublin BID) monthly to discuss current and future projects, and discuss how we can share resources and jointly promote key events. The first of these meetings took place in late November where the coverage of Christmas and New Year events were discussed and agreed.

DUBLIN.IE...A KEY RESOURCE

Action 75b: Local Authorities

Consider the feasibility of expanding the Dublin.ie site to include the other Dublin Local Authorities and to other relevant partners as relevant.

Update: Ongoing

Narrative:

Dublin.ie was launched in March 2016. In April the first Dublin Economic Monitor for 2016 www.dublineconomy.ie was launched in Dun Laoghaire Rathdown. This edition of the Monitor contained an article by site sponsor Muirne Laffan, Chief Digital Officer, RTE entitled “Introducing Dublin.ie” and the back page of the Dublin Economic monitor is dedicated to Dublin.ie for 2016. At the launch a presentation was made on the monitor and contributions were welcomed from Dun Laoghaire Rathdown, South Dublin and Fingal Local Authorities.

Material on events and happening in the three Dublin authorities have been forwarded to the Dublin.ie team based in Dublin City Council and work is ongoing to maintain the quality and variety of material and imagery on the site and to continue to build relationships with key stakeholders in the city who will contribute to the site.

Arrangements were reached with a number of key agencies and promoters across the Dublin region to link to and make material available on events throughout the Dublin region and further work is planned in building these collaborations.

It has been included in the Dublin Regional Enterprise Strategy as an action that Dublin.ie website is to be used as a medium, to create and develop an agreed 'enterprise brand' for the Dublin Region to be promoted nationally and internationally. During the Local Economic Community Plan LECP Economic actions interview process for 2017 with main Economic Development organisations throughout Dublin City, Dublin.ie was promoted and ideas for relevant articles were requested.

A workshop with representatives from Enterprise Ireland and Dublin Chamber of Commerce took place in November. The objective was to brainstorm ideas for business and enterprise related content for the site. That content is currently in development for publishing on the site in early 2017. A similar workshop for Learning related content is planned.

DUBLIN AS A GATEWAY NATIONALLY AND INTERNATIONALLY

Action 76: East and Midlands Regional Assembly (EMRA)

Develop an integrated settlement and transport strategy for the Dublin Strategic Planning Area as part of the EMRA Regional Spatial and Economic Strategy to deliver a high quality urban location offering a compelling proposition for people to live, work and play, for business investment and entrepreneurship, and that delivers an authentic and differentiated tourism

offering which leverages Dublin’s natural advantages as an attractive historic city.

Update: Delayed

Narrative:

The process of preparing and adopting the Regional Spatial and Economic Strategy has not commenced as at December 2016. The official commencement of this process is by Ministerial direction and it is expected that this process will commence after or in tandem with the preparation and adoption of the National Planning Framework (NPF). The NPF will be the successor document to the National Spatial Strategy and will be prepared by the Department of Housing, Planning, Community and Local Government. The Regional Assembly will inform all the relevant stakeholders of the process and timelines of preparing and adopting the Regional Spatial and Economic Strategies, which will commence near the completion of the NPF process.

Action 77: Local Authorities

Actively engage with relevant project steering committees / liaison mechanisms to ensure that the key infrastructural projects planned for the Dublin region can contribute optimally to economic development in the city region. Examples include: Docklands SDZ, Children’s Hospital, DIT Grangegorman, LUAS Cross City, DART Underground etc.

Update: Ongoing

Narrative:

Dublin City Council is actively engaged on the economic development outcomes for Docklands SDZ (Strategic Development Zone); Children’s Hospital; DIT Grangegorman; and the Digital Hub. These projects have all presented to the Strategic Policy Committee in Dublin City Council in 2016. These and other key infrastructural projects planned for Dublin that will contribute optimally to economic development are included in the 2017 Local Economic Community Plan LECP action Plan.

Fingal County Council is promoting the Dublin Enterprise Zone (DEZ) which has become a national economic asset and one of the main drivers of Dublin's regional economy. There is potential to create an additional 20,000 jobs on the 716 hectares of available zoned lands in the DEZ. Fingal County Council is continuing to implement a multi-million euro Capital investment Programme in the DEZ which will focus on (a) Environmental & Landscape Improvements; (b) Signage & Traffic works; (c) Road Network Improvements; (D) enhanced Marketing & Promotion and (e) Future Strategic Acquisitions.

South Dublin County Council has ongoing engagement with the National Transport Authority (NTA) on the Greater Dublin Area Transportation Strategy and with Transport Infrastructure Ireland/NTA on the N4/N7 Corridor Study. Also, development of Adamstown and Clonburris SDZs and Grange Castle Business Park is continuing.

Dun Laoghaire-Rathdown County Council has declared Cherrywood as an SDZ (Strategic Development Zone) and has appointed a development team to oversee the implementation of the plan for the SDZ.

MAKING CONNECTIONS: DUBLIN-BELFAST CORRIDOR

Action 78: East and Midlands Regional Assembly (EMRA)

Informed by the National Planning Framework, reinvigorate a focus on the Belfast-Dublin (economic) corridor and ensure cross regional alignment (with Louth) in the development of the Regional Economic and Spatial Strategies.

Update: Ongoing

Narrative:

As Louth is now within the Eastern and Midland Regional Assembly area this will facilitate the development of the Regional Spatial and Economic Strategies in relation to the Belfast-Dublin corridor. The Regional Spatial and Economic

Strategies will be developed following the National Planning Framework strategy.

Action 80: Science Foundation Ireland

Working in partnership with the Biotechnology and Biological Sciences Research Council (BBSRC) as the lead agency, Science Foundation Ireland supports collaborative research and technology development between Ireland and the UK in areas including bioscience for health, agriculture, food security, industrial biotechnology and bioenergy. (Although this is a national call, it is anticipated that Dublin based research teams would apply). Science Foundation Ireland are also in collaboration with other UK agencies including the Wellcome Trust and the Royal Society.

Update: Ongoing

Narrative:

The Biotechnology and Biological Sciences Research Council (BBSRC) and Science Foundation Ireland have entered an agreement to welcome, encourage and support research applications that cut across national boundaries involving collaborative teams led by researchers from the UK and Ireland. Three rounds were held in 2016:

Round 1: 1 successful Dublin applicant (3 awards in total)

Round 2: 5 successful Dublin applicants (7 awards in total)

Round 3: Applications currently under review with results out in March 2017

THEME 6 DUBLIN – THE ‘IDEAS CAPITAL’

SMART DUBLIN

Action 81: Smart Dublin Project Team

Establish a strategic advisory board to provide guidance to Smart Dublin and ensure the initiative remains true to its mission to stimulate technology and urban innovation in the Dublin region, through collaboration between private, public and research partners, using city region data and with the region as a test bed and develop strategic partnerships across relevant state agencies, HEIs and SMEs in the Dublin Region and others to identify and advance smart city initiatives.

Update: Complete

Narrative:

The first meeting of the Smart Dublin Advisory Network took place on the 12th of October 2016. The Network is formed by 45 members from diverse backgrounds e.g. private and public sector, PPNs, academia, research organisations, etc.

This first meeting coincided with the Smart Dublin expo in City Hall, which had almost 40 exhibitors (SMES, multinationals, research centres, etc.) and was attended by over 400 people. Harvard Tech was Smart Dublin’s partner at the expo.

Action 83: Smart Dublin Project Team

Position the Dublin Region as a world leader in urban solutions by utilising and building on strengths within Smart Cities and the Internet of Things in the region. Launch a series of open calls for new solutions to the challenges faced by cities, and in doing so, unlock the power of data and connected technologies to create more efficient urban systems and services (e.g. transport, energy, waste and economy), improve quality of life for citizens (e.g.

environment, public realm, culture and heritage) and create new business opportunities for the Dublin Region.

Update: Ongoing

Narrative:

SmartDublin issued a tender to engage a company in the area of procurement by challenge. The winner of the tender was Citymart, a company with international experience in working with cities on this innovative process. Over the next two year they will work with the 4 Dublin Local Authorities in up to three procurement by challenge processes.

Phase 1 of the Cycling Small Business Innovation Research (SBIR) launched in March 2016 has been completed. The evaluation process for phase 2 took place on 16 of December 2016 and the winners will be announced in January 2017. Each project selected for phase 2 will be awarded up to €25,000 in funding.

Smart Dublin submitted 6 application forms to the November 2016 national SBIR scheme call out. Two of them have been approved in the areas of illegal dumping and monitoring gullies in high risk flooding areas. Smart Dublin are also partnering on a third SBIR on wayfinding with Dublin Airport Authority and Grangegorman Development Agency. There will be up to €600,000 to fund these three processes, which will be launched in March 2017.

Action 84: Smart Dublin Project Team

Consider the roll out of 'smart districts', for example starting with the Docklands, building out the area as a leading international smart district. The project could be progressed under the URBACT initiative

Update: Ongoing

Narrative:

Dublin City is progressing the development of the Docklands as a leading international 'smart district' for the testing and showcase of new 'smart city' technologies and communications networks.

The URBACT project 'SMARTIMPACT' was launched in June 2016, hosted by Dublin City Council. Representatives of 10 EU partner cities attended. <http://urbact.eu/smartimpact> . These include: Manchester(Lead), Eindhoven, Porto, Stockholm, Suceava, Smolyen, Zagrev, Miskolc and Guadalajara. The 2 year project will focus on; Smart Policies, Organisation Development, Smart Financing & Procurement, Innovation Ecosystems and Data integration.

Dublin City Council have partnered with the business school in Maynooth University to carry out interviews with stakeholders as part of the project.

A Local Action group has been established with key stakeholders including Google, Microsoft, Huawei, CHQ, IDEA digital, Connect, Intel, EPIC, Docklands Business Forum, LERO and Enterprise Ireland. It meets every quarter (July 2016, December 2016). Meetings have been initiated with telecommunications companies to explore potential pilots.

Also, Dublin City Council is leading on a Horizon2020 lighthouse bid with Gdynia and Leipzig, which will be submitted in February 2017. It focuses the Docklands and on the areas of energy, emobility and ICT integration. A core component is a Living Lab approach. Key local partners will be ESB, IBM Research, CONNECT, Dublin Port, Sustainable Nation, Codema and Nissan.

Action 85a: Smart Dublin Project Team

Roll out of a Dublin Internet of Things Demonstrator/living lab led through the CONNECT centre for future networks and communications to demonstrate the use of low cost sensing operated on a city scale (to include technology validation, business case development, commercialisation and appropriate use case identification) This will centre on deployment of an experimental low

power wide area network (LORA) across Dublin following validation phase in Q1 – Q3 2016.

Update: Ongoing

Narrative:

LoRa and LPWAN (Low-Power Wide-Area Network) networks have been deployed and Vodafone will roll out a NB IoT network in Q1 2017.

Action 85b: Smart Dublin Project Team

Open up opportunities for other MNCs, SMEs and Researchers to experiment on this LORA network.

Update: Ongoing

Narrative:

CONNECT Centre supported the delivery of the cycling SBIR by providing mentoring and support for phase 1 winner companies. A number of SMEs will continue testing products on the network as required e.g. smart bins, Smart parking.

In 2017 there will be a much wider engagement of MNCs, SMEs and researchers in workshops and hackathons. The workshops will continue to identify new applications and services that can respond to DCC challenges and run on the LoRa network.

Action 85c: Smart Dublin Project Team

Roll out of an experimental flood monitoring platform for Dublin working with SMEs, Research institutes and MNCs.

Update: Ongoing

Narrative:

Focused specifically on developing the flood monitoring application for Dublin City Council and with extension across the Dublin Region. Flood monitoring sensors are being deployed across Dublin (20 stations). Validation of data in will be carried out Q1 2017. The project will continue to be rolled out through Q1 and Q2 2017.

DESIGN THINKING IN ACTION

Action 86a: Dublin City Council

Undertake a review of the PIVOT Dublin pilot initiatives.

Update: Delayed

Narrative:

PIVOT Dublin is devised and co-ordinated by Dublin City Architects. The project promotes the principle that ‘cities that value and apply design in how they think, plan and act are more humane, attractive and competitive’. Originating in Dublin's bid to become World Design Capital 2014, PIVOT Dublin has established a strong national and international network and provides a platform for collaborative projects that use design as a tool for social, cultural and economic progress. Some of these are included as specific actions under this Plan.

Sufficient progress has been made on a diverse range of projects and programme through or with the support of PIVOT Dublin to merit a review of the programme. A target was set to undertake this review Q3 2016 with a view to establishing a Steering group to provide strategic guidance, and agree a funding stream including opportunities through EU Design Innovation Programmes, national and local government and business sectors in Q2 2017.

Given the delay to the FrameWork pilot (Action 88), the review will happen in Q2 2017 with establishment of Steering group in Q3 2017. It is noted that potential Steering group bodies are actively involved in key pilot projects.

Action 87a: Enterprise Ireland

Evaluate the delivery and outcomes of the 2015 Design4Growth pilot scheme led by LEO Dublin City which was aimed at assisting participating companies to use good design in a strategic way to enhance their product or service.

Update: Complete

Narrative:

The evaluation for the Design 4 Growth Programme was completed at the end of Q3 2016 and submitted to Design and Crafts Council of Ireland, Enterprise Ireland and the Department of Enterprise and Innovation for consideration. The programme shows signs of being a successful way to deliver design thinking into small businesses. A follow up review will take place in 2017 to verify these findings. LEO Dublin City will complete this task.

Action 87b: Enterprise Ireland

Based on the evaluation, consider if and how best to disseminate best practice approaches from the pilot to be embraced across the region.

Update: Ongoing

Narrative:

Based on the Evaluation a workshop will be held early 2017 where all of the stakeholders will be invited to this workshop to disseminate the evaluation findings and outcomes from the pilot and how it might be best progressed across the region.

Action 88: DCC City Architects

Implement the FRAMEWORK pilot programme working with a Dublin community and testing how the successful AIA Design Assistance Programme can be adapted to suit an Irish context. The website and call for community partner will be launched in Q1 2016, with a review of the pilot project in Q4 2016

Update: Ongoing

Narrative:

The website and call for community partners was launched in Q1-2016 (February 2016 <http://designframework.ie/>) as per target. The main purpose of the site is to facilitate the Call for a community partner, explain the process and give information on the American Institute of Architects programme.

Work was initiated with the selected community group in Q2 in the Summerhill/Mountjoy Square area co-ordinated by Dublin City Council's (DCC) Area Office. This work put on hold as resources have been redirected towards the wider Government Task Force initiative for the North East Inner City.

A new process is now in place working with a wide community stake-holder group co-ordinated by the BIDs management company, Dublin Town. The design workshop will be held in Q1 2017 (10– 13 March 2017) with a review of the pilot project in Q2 2017.

The pilot study area is the north retail quarter bounded essentially by O'Connell Street, Parnell Street, Capel Street and Liffey Quays, with strategically important tributary streets and designations outside this immediate area also being included in the project. Key issues to be addressed include;

- site vacancy, building dereliction and poor use.
- improving the balance between small and large retail
- increasing residential and cultural mix
- improving the public realm
- resolving conflicts between pedestrians, cyclists and cars.

The desired project outcome is to clarify the intrinsic value of the area and through this, uncover new development and growth opportunities.

APPENDIX - IMPLEMENTATION COMMITTEE MEMBERS

Name	Organisation
Caroline Keeling	Keelings
Julie Spillane	Accenture
Ronan Harris	Google
Frank Nevin	South Dublin Co. Council
Ed Hearne	Fingal Co. Council
Dearbhla Lawson	Dun Laoghaire Rathdown Co Council
Declan Wallace, Assistant Chief Executive	Dublin City Council
Colm Ward	South Dublin Co. Council LEO
Oisín Geoghegan	Fingal Co. Council LEO
Georgina Sweetnam	Dun Laoghaire Rathdown Co. Council LEO
Greg Swift	Dublin City Council LEO
Niamh Bushnell / Ciaran Casey	Commissioner for Start-ups
Jim Conway	Eastern & Midland Regional Assembly
Conor Simpson	IDA Ireland
Michael Brougham	Enterprise Ireland
Niall Gibbons/ or Mr Shane Clarke	Tourism Ireland
Caeman Wall	Failte Ireland
Natasha Kinsella	DES (Regional Education Forum)
Eoghan Ryan	DSP
Professor Brian MacCraith	DCU
Mark Deegan	DIT (incl Tu4D)
Professor Michael Monaghan	UCD
Tom Molloy	TCD
Kerry Curran	Intertrade Ireland
Ali Grehan	Dublin City Council – architect
Jamie Cudden (or alternate) DCC	Smart City Implementation Team
Maria Ginnity (Eadaoin Collins)	DJEI
Peter Byrne	Chief Executive, South Dublin Chamber:
Josephine Brown	Treasurer, DLR Chamber:
Tony Lambert	Chief Executive Fingal Chamber
Siobhan Kinsella	Fingal Chamber
Aebhric McGibney	Dublin Chamber
Declan Meally	SEAI
Declan McCulloch (Local Authorities) Lisa Browne	Secretariat

