

**Dublin Region
First Progress Report:
Actions to June 2016**

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Minister's Foreword



The Regional Action Plans for Jobs initiative is a key element in supporting the delivery of balanced regional development, which is a key priority of Government. The Programme for a Partnership Government sets a goal to help create 200,000 additional jobs by 2020. Importantly, 135,000 of those jobs are to be in the regions outside Dublin.

The Action Plan for Jobs for the Dublin region aims to build on the unique strengths of the region to support businesses to start up, grow and generate exports.

While much emphasis is placed on multi-nationals, we remain for the most part, an economy dependent on small, family business. Across the towns and villages of our regions, employment is heavily based on the SME sector. Ensuring these SMEs have access to both supports and market opportunities is vital to ensuring consistent and real recovery across the country. No matter what part of the country you are in, developing an idea with the support of the Local Enterprise Office and growing to scale is something we want to see happening more and more in every county. The LEO network is a great asset and my firm view is that it offers great potential to support job creation and help entrepreneurs and small businesses start up and grow.

Overall what these reports demonstrate is that we are making progress on that aim. We are nowhere near our endpoint, but we are getting better and enhancing both the employment and economic potential of the Dublin region.

From a low of 541,500 in 2012, employment levels have now reached 621,500 in this region in Q3 2016 – an increase of 14.8%. The QNHS shows that there is positive jobs growth across a range of sectors, including Industry and Construction, Accommodation and Food Services and Information and Communication Services.

In tandem with strong jobs growth, the unemployment rate has reduced from a high of 13.4% in 2011 to 7.5% in Q3 2016. This represents real progress and a major milestone for Dublin. Every job created has a real effect on men, women and children and the wider community. That is why we cannot be complacent about job creation but I am happy to see that we continue to move in the right direction

As was the case with all regions, the downturn in employment hit Dublin heavily in 2008 but there is potential to improve that and grow sustainable jobs in the region, based on the sectoral strengths, skills profile and innovative capacity within this region.

Dublin is already home to a large number of multinational corporations, particularly in the Tech and Financial sectors. What we need to do is enhance the job-potential environment and ensure Dublin-based companies have access to global market opportunities. What this report demonstrates is that in regions like Dublin, with the right environment, world-leading companies, both Irish and foreign-owned, co-exist and create a dynamic enterprise base. Our enterprise agencies are available to provide assistance to companies at all stages of their journey, whether as start-ups, companies that are scaling or exporting or companies seeking to invest in Ireland.

Government does not create jobs, but is an enabler of jobs. Dublin as a region has a rich potential and plays a key role in a number of ways: a magnet for mobile entrepreneurs, a vibrant location for start-ups, a great centre for talent along with superb international access. We have responded to the crash, but now is the time to build resilience in the economy with a global competitive business offering.

There is no doubt but that Brexit will test our economic resilience. Many companies in the Dublin region will have some exposure to the UK. Although there is still a lack of clarity as to the extent to which Brexit will impact on the businesses in the area, Enterprise Agencies are working with these companies to focus on talent, innovation, competitiveness and investing in people. This remains the best way to build resilience in a company

Of course the Regional Action Plans themselves will not solve everything. A full recovery requires more than just jobs. These Plans will be complemented by other programmes the Government is working on at national level, including the Action Plan for Rural Development, infrastructure projects, the Action Plan for Jobs, skills strategies and the Action Plan for Housing.

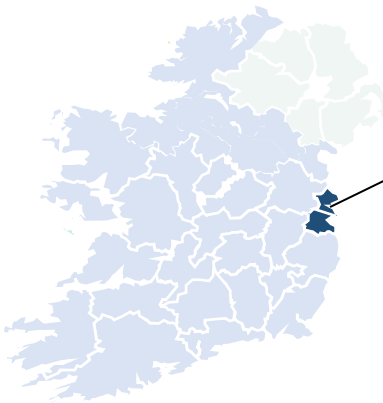
Employment recovery is a critical element of a wider social recovery. Now is not the time for complacency. Despite global uncertainty, the goal of full employment in the lifetime of this Government is within reach. This employment will be sustainable, built on the back of talent and innovation – something the Dublin region, with its excellent skills and talent base and strong education and research infrastructure, has in abundance.

I would also like to pay tribute to Caroline Keeling, the Chair, the Enterprise Champions and all members of the Implementation Committee for their ongoing commitment to the Dublin Regional Action Plan, to job creation within the region and in helping to drive the ambition of the Plan. The input which you 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.

A handwritten signature in blue ink, appearing to read 'Mary Mitchell O'Connor', with a stylized flourish at the end.

Mary Mitchell O'Connor, TD
Minister for Jobs, Enterprise and Innovation

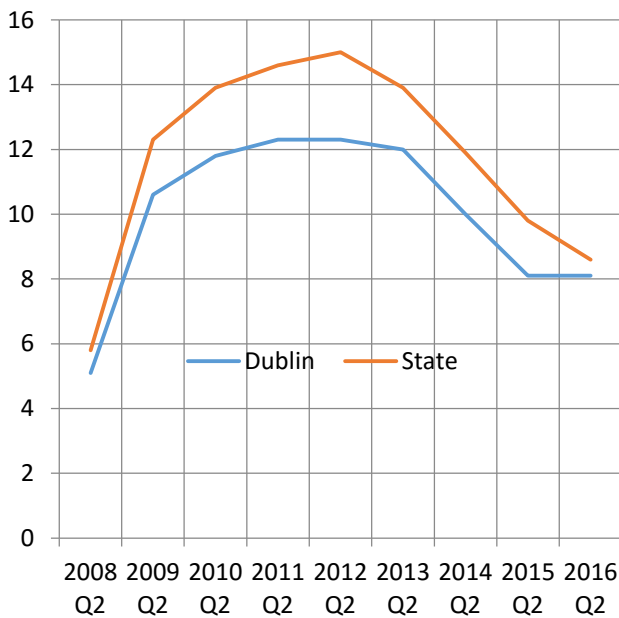


Employment Snapshot: Dublin Region

	2015 Q1	2016 Q1	2016 Q2
Persons aged 15 years and over in Employment (000s)	584.9	611.7	617.5
Unemployed Persons aged 15 years and over (000s)	56.2	45.5	54.2
Persons aged 15 years and over in Labour Force (000s)	641.1	657.2	671.7
ILO Unemployment Rate (15 - 74 years) (%)	8.8%	6.9%	8.1%
ILO Participation Rate (15 years and over) (%)	62.1%	62.9%	64%

Source: CSO QNHS

ILO Unemployment Rate (15 - 74 years) (%) by NUTS 3 Regions and Quarter



Employment by economic sector Q2 2016 - Source CSO



Employment/Unemployment Trends as at Q2 2016 (see above)

- The unemployment rate for the Dublin region in Q2 2016 stood at 8.1%, compared to 8.6% for the State
- Compared to Q1 2016, 5,800 additional people entered employment, while the number of unemployed persons declined by 8,700
- The size of the Labour Force also increased from Q1 to Q2 2016 (+14,500), as did the participation rate (+1.1%)

Source CSO QNHS Persons aged 15 and over by NUTS3 Regions, Statistical Indicator and Quarter

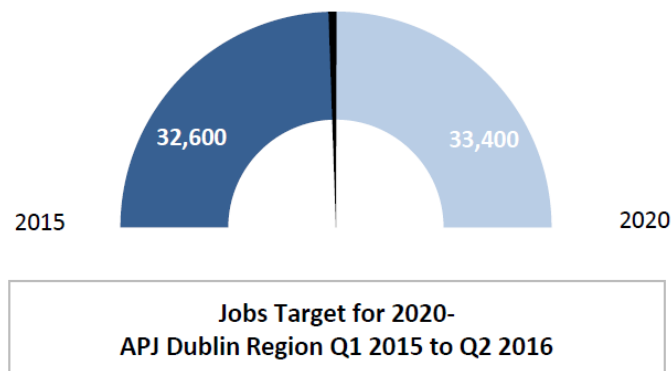
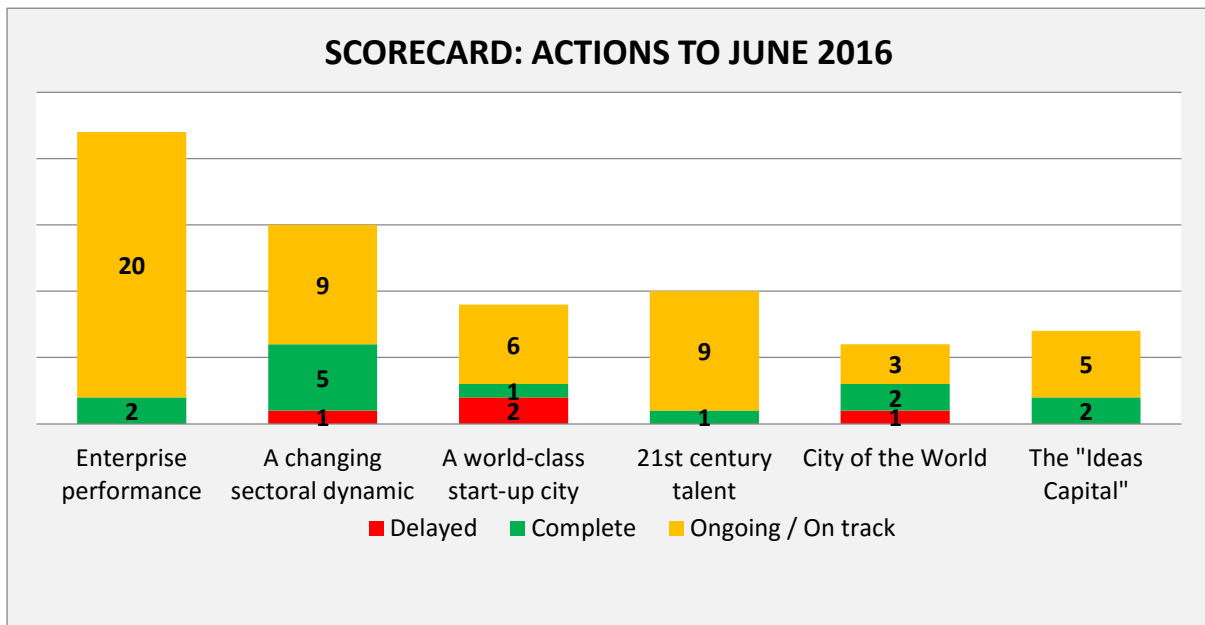
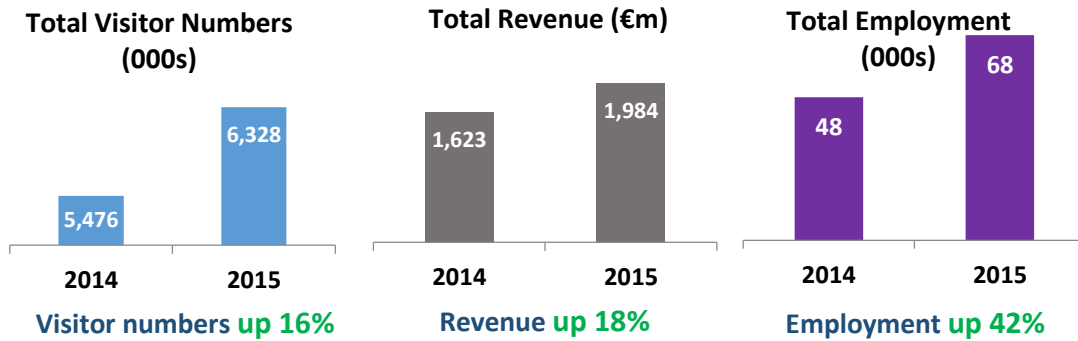
Sectoral breakdown of Employment as at Q2 2016 (see above)

There were 617,500 people in employment in the Dublin region in Q2 2016

- **Wholesale and Retail Trade** was the largest sector, employing almost 78,000 people
- While the second largest sector was **Human Health & Social Work** with 75,100 employed, it had the lowest increase (+100) of any sector in the region since Q1 2015
- The third largest sector was **Industry** with 53,600 employees; it has also seen the largest increase in the numbers employed (up 7,700) since Q1 2015
- **Accommodation and Food Services** had the second highest increase in the numbers employed for any sector in the region (up 6,100) since the start of 2015

Source CSO QNHS Persons aged 15 and over by NUTS3 Regions.

Tourism in the Dublin Region 2014-2015



ACTIONS DUE BY JUNE 2016 (H1 2016)

By the first half of 2016, of the 69 Actions and sub actions that had to be reported on for this first progress report, 13 have been delivered while 52 are on track for completion. Only 4 actions that were due to be delivered by H1 2016 have been delayed (Actions 42, 48b, 52 and 76). This represents an overall implementation rate of 94%.

Opening Commentary

Introduction

This is the first Progress Report from the Implementation Committee established by the Minister for Jobs, Enterprise and Innovation to oversee and monitor implementation of the measures contained in the Dublin Action Plan for Jobs 2016-2018. The report outlines progress made on measures due for completion up to and including the first half of 2016, as well as progress made on measures that are ongoing during the 2016-2018 period of the Action Plan.

The Action Plan for Jobs for the Dublin Region was launched in January 2016, the last of 8 Regional Action Plans to be published, all of which will help deliver a key priority for Government – to deliver local jobs and ensure every region achieves its economic potential. The core objective of the Plan is, through the delivery of 90 collaborative actions, to increase employment in the region by 10-15% to 2020, resulting in the delivery of 66,000 additional jobs to the region in that period. This constitutes an important step towards the Government’s ambition of creating 200,000 extra jobs by 2020.

Key targets in service of this overall goal include

- Start-ups – increase the number of businesses starting and surviving by 25%, and deliver a 30% increase in Irish companies growing to scale,
- Foreign investment – IDA Ireland will deliver 430 additional investments in the years to 2019
- Skills – double the spend in upskilling by businesses in Dublin, establish a Regional Skills Forum in Dublin, establish a new Technological University in Dublin
- Innovation – 20% increase in spend on R&D by foreign companies, and 20% more Irish companies active in RD&I, 33% more collaborations between business and research/tech centres
- Tourism – Fáilte Ireland and Tourism Ireland are targeting up to a 7% annual increase in visitor numbers to hit 6.2million visitors and €2.5billion spend by 2020

Key sectors targeted as part of the plan include areas like technology, financial services, life sciences, manufacturing, tourism and retail as well as “smart cities” and the creative industries. Implementation of the plan will also help ensure that the region remains to the forefront as these sectors evolve and as new business models come into being, such as fintech, big data and software as a service.

The plans are monitored and driven in each region by Implementation Committees, comprising representatives from the Enterprise Sector, as well as the Local Authorities, Enterprise Agencies, Higher Education Institutes and other public bodies in the region. The Dublin Implementation Committee is chaired by Ms Caroline Keeling, CEO, Keelings Group.

Dublin, along with all other regions, suffered badly in the recession. Between 2007 and 2012, employment fell by 93,100 to 547,400 from a peak of 640,500. Over the same period, the unemployment rate increased from 4.7% to 12.3%. As much of the growth in the 2000s

was related to construction, retail and consumption, it proved unsustainable over the longer term.

There has been a substantial improvement in the Dublin region since the commencement of the National Action Plan for Jobs in 2012, with an additional 76,000 extra people at work in the region in Q2 2016. Dublin was the fastest growing regions in terms of employment in the year to Q2 2016 with 4.3% growth and there are now almost 26,000 more people in the region at work now compared to 12 months ago.

However, the unemployment rate has remained unchanged over this period at 8.1%.

Key Highlights

IDA Ireland has had very significant success in **attracting new projects to the Dublin area** and also in securing expansion projects by companies already located in the capital. Examples of these recent investments include: Amazon, Facebook, Paypal and Oracle **(Action 1)**



9 projects in the Dublin region have been successful in securing funding through two Enterprise Ireland Regional Competitive Calls **(Action 8)**



The **hosting of Enterprise Week** across the Dublin region to raise **awareness of supports and services** available and to stimulate networking and engagement **(Action 19)**



The hosting of the European Financial Forum reinforces Ireland's standing as a **recognised global location** for international financial services **(Action 23)**



Manufacturing International Conference held in June in Dublin which brought together leaders across the manufacturing sectors to discuss the **future of manufacturing** and showcase successful Irish manufacturing technologies and processes **(Action 34)**



The establishment of a Skills Forum to **connect education providers with employers and industry** on an on-going basis to collaborate in building the skills of the region **(Action 61)**



The launch earlier this year of the Smart Dublin initiative which will put Dublin on the path to be a world-leading city in a smart technology economy **(Actions 81 -84)**



ANNOUNCEMENT OF ENTERPRISE IRELAND FUNDING FOR REGIONAL PROJECTS

€50 million is being made available to the 8 regions out to 2020 through three competitive calls administered by Enterprise Ireland. These calls are being targeted at innovative and collaborative approaches to support job creation across the regions. In this context, on June 1st 2016, an initial allocation of €5m in competitive funding for local and regional initiatives was announced; the LEO Competitive Fund and the Community Enterprise Initiative. Among the 48 projects allocated funding as at Q2 2016 are:

Community Enterprise Initiative Fund

- **DCU Ryan Academy**
Ireland's first incubator and co-working space for 'connected hardware' entrepreneurs and start-ups, will constitute a refurbished floor of Innovation House approx 8000 sq ft in size. There will be 80+ co working spaces/benches plus a central hardware workspace catering for individual entrepreneurs and small teams
- **An tSlí Glas**
Support to scale-up a pre-acceleration programme for cleantech and sustainability firms with follow-on support on how to scale-up their business.
- **Innovate Dublin Communities Ltd**
Social innovation for community regeneration via new solutions.
- **Action Community and Enterprise Ltd**
This project will be the catalyst for real change in the local community, ensuring that a tangible and effective 'ecosystem of enterprise' is enhanced and embedded in Dublin West.
- **Dublin Commissioner for Startups**
Startup your English Pilot: a package of services to attract young (non-native English speakers) developers to work for startups in Dublin.
- **Design Ireland**
Development and launch of mentoring and education programme for design start-ups in a new Design incubation centre in Dublin and further development of clusters to engage and support design activities in the creative industries. The design centre will provide a hub for the engagement of regional and sectoral networks and design communities across Ireland including third level institutions, LEOs, Enterprise Ireland, ID2015 initiated networks and sectoral membership organisations.
- **Irish Smart Aging**
Support to conduct a detailed Feasibility Study –for establishing three key elements of the wider Smart Ageing Exchange; A Smart Ageing SME Cluster, A Smart Ageing Test-Bed & A Smart Ageing Design Shop
- **Coolock Development Council**
Stimulating and supporting enterprise and job creation in the North Dublin area with a specific focus on fostering an entrepreneurial culture within disadvantaged areas. This will be achieved through collaboration with a range of enterprise development and business support agencies who will localise the delivery of existing and new services through a network of Community Based Enterprise & Innovation Hubs' which will be embed in accessible locations across the community

LEO Competitive Fund

- **LEO Fingal, LEO Dublin City, LEO South Dublin, LEO Dun Laoghaire-Rathdown**
This project is targeted at the Dublin food producer cohort and focuses on the creation of an online video education platform to enhance knowledge, improve skill sets and develop producer competencies.

Further funding calls will be announced in early 2017.

Start-Ups

Helping new entrepreneurs is an important aspect of the Dublin Plan. In this context, the four Dublin LEOs worked together by delivering co-ordinated “Enterprise Week” last March for micro and small locally trading firms across the Dublin region. The aim was to stimulate business growth and new business creation to drive economic prosperity. Over 100 separate workshops/ information briefing / networking meetings / mentoring and highly engaging training workshops highlighting the services and supports available to SME’s and Start-ups took place across the 4 Dublin LEOs during the week.

In addition, the four Dublin Local Enterprise Offices are planning future initiatives such as starting a business for those over 55, the National Women’s Enterprise Day (19th October), Youth Entrepreneurship and “Lean” business principles.

Skills

The Regional Skills Forum for the Dublin region was set up last May and now provides a framework for the Further Education and Training (FET) providers, HEIs and enterprise stakeholders to work together in identifying and addressing the skills needs of each region.

Smart City

The Smart Dublin initiative was launched in March 2016 by the four Dublin Local Authorities to engage with smart technology providers, researchers and citizens to solve city challenges and improve city life. As part of this initiative, the 4 Dublin local authorities and Enterprise Ireland launched the €100k Small Business Innovation Research Challenge (SBIR) which seeks innovative and low cost solutions to increase the number of people cycling in Dublin. A number of companies have been shortlisted for phase 1 funding and will work with DCC to develop feasibility proposals to address in particular bicycle theft in the city.

Financial Services

Dublin successfully hosted the European Financial Forum last January to showcase Irish technology potential and to attract key decision makers and potential investors. The event was attended by over 600 delegates with the large majority of attendees being senior executives from global financial institutions from the IFS existing and target client base.

Foreign Direct Investment

So far in 2016, IDA Ireland has had very significant success in attracting new projects to the Dublin area and also in securing expansion projects by companies already located in the capital. These investments ranged across all sectors with particularly strong involvement by companies in the ICT, Pharma and Financial Services areas. Several new companies have developed new European headquarters here and are building up staff numbers with good potential for further expansion in future years. Ongoing success by the IDA in attracting International Data Centres has continued, with Google being the latest to undertake a very significant additional investment in a new Centre in Clondalkin in 2016. Amongst the companies who have initiated major job creation projects in Dublin - some of which also involve a major capital spend on facilities and research - are Alter Pharma, Malinkrodt, Hub

Spot, Fitbit, DMS Financial Services and SoftwareOne. Most of these projects will create in the region of 50-100 jobs each in their early phases and many high quality jobs will be created, thanks to our skills availability. The growth and development of Software companies in particular, is especially encouraging.

National Broadband Plan (Progress to June 2016)

The National Broadband Plan (NBP) aims to deliver high speed services to every city, town, village and individual premises in Ireland. The Programme for a Partnership Government commits to the delivery of the NBP as a matter of priority. This is being achieved through private investment by commercial telecommunications companies and through a State intervention in areas where commercial investment is not forthcoming.

The procurement process formally commenced in December 2015 with the publication of the Pre-Qualification Questionnaire and Project Information Memorandum. Five responses were received from prospective bidders to this stage of the competitive procurement process by the deadline of 31 March 2016. These responses have been evaluated by the Department of Communications, Energy and Natural Resources from a technical, financial and legal compliance perspective. A number of companies have qualified to proceed to the next stage of the procurement process, in which qualified bidders will be invited to formally dialogue with the Department, based on detailed schedules drawn up by the Department.

BREXIT (POSITION AT END-JUNE 2016)

The UK decision will not take effect for some time and the precise implications of the referendum result will now depend on the period of negotiation ahead, involving the UK and our EU partners.

The Government has a clear plan in place to respond to the referendum outcome and has a Contingency Framework which maps the key issues that will be most important to Ireland in the coming weeks, months and years, including the future changing trading relationship between the UK and Ireland, and the protection of jobs here, both of which are interlinked. The Department of Jobs, Enterprise and Innovation is fully engaged in the risk analysis and contingency planning work that is being undertaken at cross-Government level, led by the Department of the Taoiseach.

The Government, the Department of Jobs, Enterprise and Innovation and the enterprise agencies are fully committed to supporting business in this period of heightened uncertainty; however, this is being done against the background of a strong economy and a highly competitive enterprise sector. There have been multiple contacts already between IDA and Enterprise Ireland and their respective senior business clients.

The UK remains a market opportunity for Irish business, and a decrease in the value and/or the volume of exports to the UK will affect industry, including SMEs and agri-food sector enterprises. Enterprise Ireland has already set up a helpline and email address to provide assistance to its clients, and will implement a range of plans to assist Irish exporters. In addition, EI will fine-tune existing support tools to address new UK market conditions.

The IDA will continue to market Ireland across the globe as the number one location for foreign direct investment.

THEME 1 DUBLIN – A STEP UP IN ENTERPRISE PERFORMANCE

A SUSTAINED FOCUS ON TRANSFORMATION AND INVESTMENT

Action 1:

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

Update: Ongoing

Narrative:

IDA Ireland continues to market Dublin as a location for Foreign Direct Investment including New Name, Expansion and R&D. Examples of these recent investments include: Amazon, Facebook, Paypal and Oracle.

These investments will increase the attractiveness of Dublin as a vibrant city, with an internationally competitive enterprise base and a global reputation for key sectors.

Action 2:

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 the financial supports available to attract additional R&D investment. All sectors and activities are targeted including first time and seasoned investors in R&D, who are supported and encouraged to win new investment in R&D; transformation and expansion.

Action 3:

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:

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, Údarás 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.

Action 5:

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: Ongoing

Narrative:

Enterprise Ireland held an Export Awareness Event in Dublin in 2015 (50+ attendees)

In addition an Exploring Exporting Workshop was held in Eastpoint Dublin on 23rd February 2016 with 12 attendees. The workshop over a full day covered 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:

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:

Suitable material to showcase Irish enterprises has been created by the Local Enterprise Offices and Local Authorities’ including the Dublin Economic Monitor, case studies, relevant events, Ireland’s Best Young Entrepreneur competition and video testimonials of clients. Contact has been made with the lead partner in the Department of Foreign Affairs (Local Market Teams) to discuss the marketing of this material.

LEVERAGING OUR DISTINCTIVE ENTERPRISE MIX

Action 7:

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

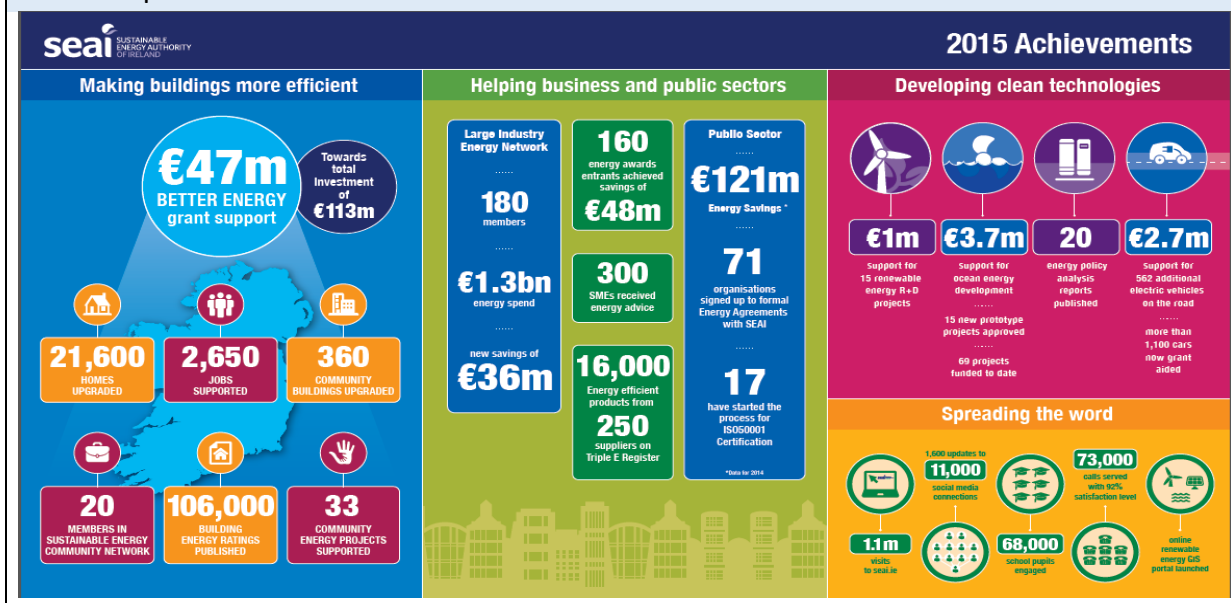
Update: Ongoing

Narrative:

SEAI Programmes for business are assisting local SMEs and Public sector organisations to save in the region of 20% off their energy bills.

In the Dublin region, SEAI has

- worked in particular with the Local Authorities on energy savings in their own locations and with businesses in the IFSC through Sustainable Nation (previously The Green IFSC) and
- launched the Docklands 21 initiative to assist businesses and the community to work together and ensure energy efficiency and renewable energy opportunities are captured. Overall 2015 achievements are outlined below:



Action 8:

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:

To support the regional APJ process Government has announced funding for major strategic projects that, when implemented, would have a significant step up in terms of economic development in the region.

As part of a scoping exercise a call for expression of ideas resulted in over 140 projects being submitted in outline form.

EI are currently developing a programme call for projects that are within its remit. Currently the details around a proposed call for EI eligible projects including scale of project to be supported and eligibility criteria are being discussed between DJEI officials and Enterprise Ireland.

EXCELLENCE AND SCALE IN RESEARCH AND DEVELOPMENT THROUGH NATIONAL COLLABORATIONS

Action 9:

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. The Strategy is running for the period 2012-2016 and as such will be examined for the next period. There are sales opportunities for Irish companies with MNCs. Increasing sales means increasing jobs. In turn, Irish-owned companies offer cost effective and innovative solutions and services to MNCs which will add significant value to their operations here. Activities include facilitating introductions between both cohorts to drive future contracts. A critical activity as part of the joint IDA/EI strategy are the now annual Trade and Investment Missions to Ireland. These Missions are cross sectoral in nature. Since 2014 events have taken place in all major cities and towns. The last 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. In November 2014, the first 'Trade Mission to Ireland' visited Dublin, Cork, Limerick and Galway. Locations for the 2017 Mission are currently under consideration.

KNOWLEDGE TRANSFER IRELAND

Action 10:

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:

Research Centres: 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. Pre-proposals were submitted in April 2016, and have now been assessed by expert international reviewers. The deadline for submission of full-proposals to the SFI Research Centres 2016 call is in November 2016.

Research Institutions and companies based in the Dublin region will participate in all of the consortia submitting full proposals (8 in total) to the call. Science Foundation Ireland will announce which Research Centre(s) will receive funding in Q2 2017.

Research Infrastructure call: The purpose of the SFI Research Infrastructure Call is to support the research community in building and sustaining the required infrastructural capacity to accomplish high quality, high impact and innovative research in areas of science, technology, engineering and mathematics that demonstrably enhance and underpin enterprise competitiveness and societal development in Ireland.

In January, 2016, a €28 million investment in research equipment and facilities through the Research Infrastructure call was made. A total of 21 exemplary research projects were supported in sectors including applied geo-sciences, pharmaceutical manufacturing, bio-banking, marine renewable energy, internet of things, astronomy, big data and additive manufacturing using nano-materials. 10 of these awards totalling €15 million were awarded to Dublin based Institutes.

Action 11:

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:

The SFI Spokes programme is a vehicle to enable the addition of new industrial and academic partners and projects to a SFI Research Centre, so allowing the Centre to expand and develop in line with new priorities and opportunities. This will ensure that the Research Centre retains its ability to do cutting edge research and its industrial relevance, and so enhance its sustainability. The 2016 Spokes call received 11 proposals in total, 5 of which are led by Research Centres hosted in Dublin-based Research Bodies. Results of the successful applicants are to be announced in October 2016.

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:

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 KTI website (<http://www.knowledgetransferireland.com>), through the technology transfer resources on campus supported financially by Enterprise Ireland (EI).

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

Innovative procurement – a win:win

Action 13:

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 Enterprise Ireland (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.

SBIR Ireland was launched in July 2014. To date, Enterprise Ireland has successfully managed three pilot SBIR projects:

- 1) Collaborative project between ESB Ecars, SEAI and EI seeking smart technology solutions for Electric Vehicles (EVs) in shared access parking areas (July 2014)
- 2) Collaborative project with partners SEAI and EI to develop smart technology solutions to assist BER end users interpret the data and datasets available through the BER scheme (October 2015)
- 3) Collaborative project with Dublin City Council and EI to seek low cost, smart and innovative solutions to increase the number of people cycling in Dublin city (March 2016) The competition is open to any organisation, developers of ICT and software solution providers, universities and service providers.

It is anticipated that up to ten SBIR projects will be funded over the period 2017-2018 - with partners from the public sector.

EI plans to release a first call for proposals to the Irish Public sector, for participation in Q4 2016.

Action 14:

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

Update: Ongoing

Narrative:

The Smart Cycle SBIR led by Dublin City Council was launched in March 2016, in partnership with Enterprise Ireland, as part of the Smart Dublin initiative.

In total, 21 proposals were received. The evaluation phase has been completed. Five proposals have gone through the next phase and will receive funding for development. The contracts are being written and will be signed by mid-August. A launch is planned for September 2016.

Smart Dublin is assessing the opportunity to deliver a SBIR across the 4 Dublin Authorities (in 2017) or a possible SBIR from a newly established National Smart City Forum.

Action 15:

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:

The Health Innovation Hub was included as a Disruptive Reform in the Action Plan for Jobs 2013 and 2014 as 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.

In January 2016, following a competitive call operated by Enterprise Ireland, 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 consortium 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:

Review LECPs 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 have been engaged by the four Dublin Local Authorities to prepare a Dublin Enterprise Strategy 2016-2018. As part of the review of existing policy, the consultants have been asked to examine the Local Economic and Community Plans (LECPs) of each local authority to identify potential additional areas for collaboration that will address this action. The Strategy is due to be published in September 2016.

There are a number of cross-authority initiatives that are currently being implemented on a regional basis:

Dublin Food Chain: a collaborative initiative of LEOs in Dublin supported by Bord Bia aimed at harnessing the power of the 'collective' to ensure that Co. Dublin's unique food heritage benefits from the attention it deserves, providing food training, marketing initiatives, better linkages and cross-promotion.

Accelerate Training Programme: an integrated management development learning and mentor programme delivered by LEOs in Dublin designed to impact on the LEO clients and their businesses through enhanced leadership, management and personal skills and improved business results.

Food Academy (in partnership with Super Valu/Musgraves and Bord Bia): helping food businesses to learn and develop all of the tools and knowledge necessary to launch and build a successful food business in Ireland.

Women in Business (WIB) Network: an agreed, co-ordinated multi-annual programme of events to support the Women in Business Network is being finalised by LEOs in Dublin.

Exporters Programme: The potential for a LEO supported programme for local businesses who are exporting and are potentially affected by Brexit is being examined by the LEOs in Dublin in conjunction with the Irish Exporters Association.

(See also Action 20 for updates on additional collaborative activities, including: N.W.E.D. – National Women’s Enterprise Day, Lean for Micro, Start Your Own Business supports, Trading On-Line Vouchers, Enterprise Week – National, PLATO Management Development Programme, Student Enterprise Awards, On-line Food University Initiative etc.).

In addition to the above, there is an ongoing project to deliver a public-private Wifi model for the city centre working in collaboration with the business associations (Docklands Business Forum, Dublin Town and Temple Bar Traders).

The Council is currently developing a feasibility study in co-operation with the Temple Bar Traders and looking at deployment of test sites across a selection of areas across the city centre.

Connecting locally – creating shared value

Action 18a:

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:

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

In June 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. This partnership has 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 youth.

Action 18b:

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 (BITCI, Dún Laoghaire-Rathdown County Council, Econcertive), and the participating large companies are presently evaluating the project. This evaluation process will inform as to the potential to extending such an initiative. In addition, a project report is currently being compiled for submission and review by the Environmental Protection Agency as project funder under the Green Enterprise Programme.

Action 18c:

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.

Presently 18 companies are certified to the Mark, and many more member companies are working on the process.

By year end, more companies will be certified, and the next formal announcement is on the 25th October as part of the BITCI CEO Breakfast on Responsible Business, hosted in Dublin Castle. An Taoiseach has been invited to address this Breakfast, and the audience will include over 180 CEOs and senior business leaders from Irish companies.

Raising the bar for small and micro enterprises

Action 19:

Deliver a coordinated Enterprise week across the Dublin region to raise awareness of supports and services available and to stimulate networking and engagement.

Update: Complete

Narrative:

A Local Enterprise Week was held during the week of 7th to 13th March 2016. Fingal, Dublin City, Dlr and South Dublin LEO all hosted a series of events aimed at stimulating business growth and new business creation to drive economic prosperity. A robust

coordinated programme of events was run between all 4 LEOs offering something for everyone, regardless of whether it involved wanting to develop a business idea, start a business or grow an existing enterprise. Over 100 separate workshops/ information briefing / networking meetings / mentoring and highly engaging training workshops, highlighting the services and supports available to SME's and Start-up across took place across the 4 Dublin LEOs during the week. This allowed for clients across all 4 regions to attend various events outside of their own catchment area.

Some of the larger events promoted across the 4 Regions include the following:

- 8th MARCH 2016 International Women's Day Networking Event 2016. Women in Business networks from the Local Enterprise Offices in Dublin City, Fingal, Dun Laoghaire-Rathdown and South Dublin and the Dublin Chamber of Commerce joined forces for the seventh consecutive year to organise a major event for women in business in Dublin to celebrate International Women's Day. Over 200 female entrepreneurs and business women attended and it proved to be an outstanding networking opportunity.
- 9th March 2016 "Doing Business In the USA" 'Doing Business in the USA' was an event held in the Synergy Centre Tallaght and was promoted between all for Dublin LEOs providing up-to-date information on the US market together with some practical advice for Irish Companies intent on Growing Sales in the US. The event focused on critical aspects of doing business and introduced some of the Legal Issues companies need to consider if planning to develop business and establish a presence in this highly competitive and lucrative marketplace.
- 10th MARCH Dublin Food Chain – Future Innovations in the Food Sector. A coordinated event between the 4 Dublin LEOs was held in U.C.D. The Dublin Food Chain is marketing and networking forum which represents many of the outstanding food and drink producers, retailers, foodservice operators and distributors that are based throughout Dublin City and County. Dublin Food Chain is an initiative jointly supported by the four Local Enterprise Offices in the Dublin region, The Irish Exporters Association, and Bord Bia. This event was open to Dublin based food producers, food distributors, retailers and foodservice operators and focussed on future Innovation and trends in the Food sector.
- 10th March Fearless – The Entrepreneurs Journey. This event was held in Fingal and offered an opportunity for budding Entrepreneurs to listen to 6 successful Entrepreneurs discuss their Journey to Self-Employment and the challenges they faced along the way. This event was hosted by Bobby Kerr (Insomnia Coffee) and Keelin Shanley (R.T.E). This successful event was attended by over 180 guests.
- Saturday, 12th March Dublin City held a lively and engaging day at the Start Your Own Enterprise Boot Camp where participants found out how to develop their business ideas and get feedback and advice from trainers and mentors throughout

the day. Isolde Johnson of Cool Beans, Irish Best Young Entrepreneur Finalist 2015 shared her experience of building a successful business and discussed just what it takes to win the Google “Best Use of Social Media” award.

Action 20:

The four Dublin LEOS will work in a co-ordinated capacity at regional level to strengthen promotional activities and take-up of existing initiatives for micro and small locally trading firms to enhance enterprise performance, innovation and productivity by driving a co-ordinated approach to designate each month to a specific initiative, City-wide between the 4 Dublin LEOs, to increase participation on programmes, workshops and national initiatives.

Update: Complete

Narrative:

The four Dublin Local Enterprise Offices will continue to be the first stop shop for supporting both potential and new entrepreneurs. Development of the Local Enterprise Offices will continue and through their Communications Strategy they will ensure that entrepreneurs are aware of the full range of supports and services provided in a more co-ordinated approach. The following initiatives will be promoted monthly between the four Dublin LEOs.

September 2016:

- Smart Ageing - Building on the Report of the Inter-Departmental Group on Smart Ageing, map out and implement a programme of actions and proposed timelines. Proposed roll out of ISAX Smart Ageing 16-module week Start Your Own Business (SYOB) programme specifically targeting over 55s.

19TH October 2016:

- N.W.E.D. – National Women’s Enterprise Day. National Women’s Enterprise Day is a National initiative of the Local Enterprise Offices. On Wednesday 19th October, the Local Enterprise Offices are organising a series of events around the country to showcase the stories of successful female entrepreneurs and to encourage more women in Ireland to consider starting a business. The theme for these events is “The Road to Success”. The Local Enterprise Offices in the Dublin Region will host their event in the Radisson Hotel, Dublin Airport. The event will be facilitated by Keelin Shanley. Confirmed for the event are the following guest speakers: Minister for Jobs, Enterprise & Innovation, Mary Mitchell O’Connor T.D. Guest speakers include Nicola Byrne, 11890 (Dublin NWED Ambassador), Julie Sinnamon (Chief Executive Enterprise Ireland), Joanne Hession (The Entrepreneurs Academy) Susan Spence (CEO SoftCo). There will be a panel of successful female entrepreneurs from each of

the 4 Dublin regions participation in an interactive, structured discussion followed by Q&A.

November 2016:

- I.B.Y.E Youth Entrepreneurship. The IBYE competition is a national competition to find Ireland's best young entrepreneur. There is a €2 million investment fund and targeted business supports on offer to help young Entrepreneurs turn a business idea into a reality. IBYE 2017 is open to anybody aged between 18 and 35 with an idea / commercial venture for a start-up or running an existing business. The competition is open to all sectors and takes place at county, regional and national levels with substantial financial prizes available for winners and runners up at each level. The Dublin winners at the Regional final in November 2016 will go on to compete at the National IBYE competition event in Q1 2017.

December 2016:

- Lean for Micro: To succeed in international markets, Irish client companies must be competitive. The 4 Dublin Local Enterprise Offices in conjunction with Enterprise Ireland will offer clients the opportunity to adopt Lean business principles in their organisation to increase performance and competitiveness. Lean tools and techniques are helping companies across the globe to address competitiveness issues within their businesses, building the capability of their people to identify issues and improve their operations, increasing capacity as they improve efficiency and effectiveness.

January 2017:

- Start Your Own Business Month. Each of the Dublin based LEOs will shine a spotlight on new enterprise in January 2017, providing a range of workshops specifically targeted at those who wish to start their own Business. This will include an SYOB Programme, Idea generation workshops, Mentor Support, Business advice clinics.

February 2017:

- T.O.V (Trading On-Line Vouchers) to support small Irish businesses to enhance their online trading presence, the benefits of the Online Trading Vouchers scheme will be promoted extensively by each of the 4 Dublin LEOs during February 2017. Under the scheme Online trading vouchers are provided to small businesses to the value of € 2,500 (up to a maximum of 50% of the total cost) to enable them to develop their E-commerce capabilities. Funding for the initiative is provided under the Government's National Digital Strategy and delivered through the Local Enterprise Offices.

March 2017:

- Enterprise Week – National. This will be the second nationally co-ordinated ‘Local Enterprise Week’ which takes place in March. Organised by the Network of Local Enterprise Offices, hundreds of events will be scheduled, aimed at anyone thinking of starting a new business, new start-ups and growing SMEs. The 4 Dublin LEOs will run a series of co-ordinated and jointly promoted events across each region.

April 2017:

- PLATO Management Development Programme: Each of the 7 Plato Ireland regions runs its own programme of events, network linkages and business/management development activities. In the Dublin region there are several groups, each with 10 to 12 owner-managers who meet monthly. Guest speakers are invited to provide additional information and training. There are currently some 1,000 participating SMEs in Plato regional networks around Ireland, and more than 2,000 companies have already completed the two-year Plato programme.

May 2017:

- Student Enterprise Awards: The Local Enterprise Office “Student Enterprise Awards” programme is the biggest Enterprise learning initiative in Ireland, with over 20,000 students participating each year. Designed to enable second level students to learn real-life business and entrepreneurial skills, this national initiative is targeted at all levels in secondary schools from first year through to sixth year. The objective of the programme is to enable teenagers to engage in a real life experience of setting up and running their own small business. Each of the 4 Dublin LEOs will showcase their local winners at the National finals event in Croke Park on 3rd May 2017. Between the four Dublin LEOs there will be 12 “student enterprises”, each of which will be featured.

June 2017:

- Dublin Food Chain – On-line Food University Initiative. The roll out of the Dublin Food Chain On-Line University Programme is aimed to commence in June 2017. Led by LEO Fingal, the four Dublin LEOs have successfully secured funding from Enterprise Ireland to develop an online learning platform geared at start-up and early stage businesses operating in the food sector. The project is targeted at Dublin Food Producers and focusses on the creation of an on-line video education platform to enhance knowledge, improve skill sets and develop producer competencies.

July 2017:

- Innovation Vouchers - The Innovation Voucher initiative was developed to build links between Ireland's public knowledge providers (i.e. higher education institutes, public research bodies) and small businesses. Innovation Vouchers worth €5,000 are

available to assist a company or companies to explore a business opportunity or problem with a registered knowledge provider.

The importance of attractive world class property solutions

Action 21:

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

Update: Ongoing

Narrative:

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.

In addition, IDA's Property Division's marketing team and IDA's Dublin Regional Office engage frequently with the private sector and reviews all property options in the region on an ongoing basis.

THEME 2 A CHANGING SECTORAL DYNAMIC

Deepening resilience – a strong enterprise mix in Dublin

Action 23:

International Financial Services: Host the European Financial Forum based in Dublin to raise the profile of Ireland's IFS sector internationally, to showcase Irish technology potential and to attract key decision makers and potential investors

Update: Complete

Narrative:

The event was attended by over 600 delegates, with the large majority of attendees senior executives from global financial institutions from the IFS existing and target client base.

An Taoiseach, Enda Kenny, Minister Simon Harris T.D., Minister Richard Bruton T.D. attended the event. In addition the Secretary Generals from the Department of Jobs Enterprise and Innovation; Department of Finance; and the Department of the Taoiseach were in attendance along with senior representatives from the Department of Expenditure and Public Reform. Several Irish Ambassadors from Department of Foreign Affairs were also in attendance.

Strong media coverage included; the Irish Independent, Newstalk, RTE; Finance Dublin; Bloomberg; Reuters and the Wall Street Journal. The daily edition of the Financial Times on January 27th also included a special report on the Forum and the IFS Industry in Ireland which had a worldwide distribution of over 2 million copies. On social media the Forum was the top trending event in Ireland.

Action 24:

Int'l Financial Services: Launch and deploy a new banner brand for promoting Ireland's IFS sector that will be used by agencies and stakeholders involved in supporting and promoting the sector in Ireland. The agencies will jointly develop and disseminate marketing and promotional content using the new banner brand livery

Update: Complete

Narrative:

IFS Ireland was launched earlier this year. It is the banner brand for Ireland's international financial services industry. The brand has been created to represent Ireland's vision and diverse expertise in the Financial Services space. IFS Ireland is an all-encompassing singular communication of Ireland's innovation and intent. It represents Ireland's unique capability, global offering and the success and confidence of a growing industry.

Action 25:

Int'l Financial Services: Launch a competitive start fund specifically targeted at the international financial services and FS technology enterprises.

Update: Complete

Narrative:

A national Call was launched by Enterprise Ireland on June 1st. Selected projects were invited to pitch on the 25th July. In total 10 projects were approved of which 7 were Dublin based.

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

Action 27:

The Higher Education Authority, through its Information Technology Investment Fund (ITIF), supports HEIs to provide computing camps for second and primary level students. Camps expose students to computing at early stage and foster the development of young learners' interest and aptitude for a future course of study and subsequent career in the ICT industry.

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. HEIs have been steadily increasing ICT graduate numbers over the last 5 or more years. The ITIF computing camps encourage students to consider ICT and in particular computing careers. In 2015 the HEA provided funding to support 40 camps. Over 1,400 students participated across 12 HEIs. Each HEI was awarded €5,000 to support camps programmes. Camps typically target transition year students and run for a week. A particular focus is placed on the inclusion of girls, with some girls' only camps. In 2015 over 30% of participants were female. Mid-term reports indicate that similar numbers of participants are expected in 2016. HEA has been working closely with the SFI Smart Futures programme to include a computing career mentor session for students as part of each camp. These sessions provide role models for students to facilitate them in considering a career in computing.

Action 28:

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 2015 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.

For example 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.

Internationally Traded Services

Action 29:

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 will be rolled out in Dublin in 4th quarter 2016 to bring Lean thinking and support to more companies in Dublin.

The Lean Startup provides a scientific approach to creating and managing startups and getting a desired product to customers' hands faster. The Lean Startup method teaches you how to drive a startup-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.

A best practice visit to a service company will take place in 4th quarter 2016.

Action 30:

Internationally Traded Services: 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.

Design and creative industries

Action 32:

Deliver the 2016 Showcase- Ireland's International Creative Expo.

Update: Complete

Narrative:

- Showcase took place at the RDS, Dublin, 24th – 27th January 2016. 225 DDCol registered clients exhibited at the show (which featured 445 exhibitors in total), with 91 clients in the juried "Creative Island" area.
- The 2016 show, which was promoted by Enterprise Ireland's network of global offices, attracted over 5,300 trade buyers from Ireland and over 20 other countries

around the world. Overall attendance at the fair increased by 6.6% versus 2015, including a growth of 22% from France, 7% from the US and 7% from Ireland.

- Research conducted by Business Information Group indicates trade orders placed during the show of €21.6M, a 21% increase versus 2015. The researchers equate this to an annual market opportunity value of €121M for the exhibitor body.
- Planning is now underway for the 41st Showcase which will take place 22nd – 25th January 2017.

Action 33:

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 have commissioned a report to measure the size / scale and capacity to grow report of the sector – this should be delivered in 2017.

BioPharma/Pharma

Action 34:

Manufacturing: Deliver a Manufacturing International Conference in Dublin to raise the profile of the sector in Ireland and overseas, to showcase capabilities of technology rich manufacturing enterprises based here and to define the future of the industry.

Update: Complete

Narrative:

Conference organised by Ibec held in the RDS Dublin on 23 June 2016. The event brought together senior leaders across the manufacturing sectors for a dynamic discussion on the future world of manufacturing and to showcase successful Irish manufacturers who are leading with new technologies and processes and address topics of importance to the Irish manufacturing sector.

Action 35:

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.

The TechShop Dublin operation requires approx. €2.5m in total host city funding (split 50:50 on refurbishing the identified building/procuring the necessary rapid prototyping equipment & associated software). This investment is retained in state ownership - via EI head lease of the makerspace building and DCU, or other public sector, ownership of the makerspace equipment. TechShop then come in as operator of the platform and invest in staffing, marketing, programme delivery and community management.

The draft 'TechShop Dublin' business plan features a commitment in principle from Dublin City Council to provide leveraged funding for the project, subject to available budgets and contingent on the provision of additional matching/bridging sums being forthcoming from relevant central government stakeholders (DJEI/DES/EI/IDA etc.), as well as from the private sector (corporate partners). Discussions with all stakeholders are on-going, with a view to reaching the required level of funding commitments before year end.

Action 38:

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 NIBRT through meetings and introductions with both Existing and Target clients. NIBRT and its Leadership team are an integral piece of "Why Ireland" marketing material for Pharma/BioPharma investments in Dublin.

Retail

Action 41:

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:

A Retail and Digital Economy working group has been set up within the Retail Consultation Forum which includes retail associations and relevant Government Departments in its membership. The Group is examining the key challenges facing retailers with regard to the digital economy and is looking at identifying initiatives to support retailers online, including examining case studies.

Action 42:

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.

Construction

Action 43:

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

The Lean Startup provides a scientific approach to creating and managing startups and getting a desired product to customers' hands faster. The Lean Startup method teaches you how to drive a startup, 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.

Freight, Transport Distribution and Logistics (FTDL)

Action 47:

Freight, Transport, Distribution & Logistics: Ensure alignment and engagement of Dublin based aviation and finance sectors through the IFS2020 Industry Advisory Committee and other structures such as the National Civil Aviation Development Forum (to be established Q1 2016), as appropriate, in relation to the development of the sector.

Update: Complete

Narrative:

The aim of this action is to ensure alignment between Aviation/leasing and the IFS.

As part of the National Civil Aviation Development Forum (NCADF), a working group dedicated to Leasing and Finance has been meeting since Q2 of 2016. The outputs of the group have significant overlap between the work of the Department of Transport Tourism and Sport and IFS2020. The work of the NCADF was presented to the IFS2020 Q3 Joint Committee by the aviation industry representative and included a number of recommendations on developing the attractiveness of the jurisdiction for international executives. This is aimed at protecting the existing levels of activity within the aviation leasing sector in Ireland and maintaining this, as the industry is forecast to continue growing.

THEME 3 DUBLIN – A WORLD CLASS START-UP CITY

Raising Dublin’s profile internationally and nationally as a start-up hub

Action 48a:

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:

The Dublin Economic Monitor is published on a quarterly basis by the 4 Dublin Local Authorities. It monitors Dublin’s performance in international benchmarks, including the Global Start-up City Ranking, the European Digital City Index and others

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

Action 48b

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: Delayed

Narrative

A Paper is to be written, examining the elements that impact on Dublin’s competitiveness rankings as a start-up hub and in which of these elements the City is performing poorly. This will be reviewed by relevant stakeholders, to determine what action is required to improve.

Action 48c

Ensure the information pertaining to Dublin used in these rankings is accurate and up-to-date

Update: Complete

Narrative

Up to date and accurate rankings published quarterly in Dublin Economic Monitor (latest publication October 2016)

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

Action 49:

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:

Irish Embassies abroad actively promote Dublin as a prime location for foreign direct investment, in particular in the start-up and technology sectors.

To take only a few examples, in 2016:

- Embassy Warsaw has engaged with regional enterprise agencies, in particular the city of Wrocław (a major technological and financial hub in Poland), to promote Dublin as a destination for investment. The Embassy has advised Wrocław enterprise agency on a planned autumn visit to Dublin by a delegation of technology companies.
- In Russia, Embassy Moscow and the local market team have targeted key Venture Capital and start-up influencers in Moscow and beyond.
- Throughout 2016 the Embassy of Ireland in Tokyo has actively networked with key members of the tech and research community in Japan with a view to promoting Dublin;
- Given the significant start-up ecosystem in Berlin, Embassy Berlin has sought to further raise Dublin’s profile in Berlin and develop the links between the two cities, for example through both attendance at and collaboration on relevant tech conferences and events, close cooperation with the State Agencies in Germany, and the development of relevant contacts.

Our Embassies globally actively promote Dublin and Ireland as a destination for investment and business through social and traditional media, meetings with key decision-makers, networking and speaking engagements.

A joined-up offering on enterprise space for start-ups

Action 52:

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: Delayed

Narrative:

Dublin City Council have set up an enterprise space working group. They advise that funds have not been identified in this year's budget to enable an audit to be undertaken.

Action 53b:

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

Update: Delayed

Narrative:

Currently in planning phase, it is proposed to postpone delivery of this action until 2017, to coincide with Action 67.

Strengthening start-up capabilities for sustainable growth

Action 54:

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 Dublin Institute of Technology, 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 in the second half of 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.

Action 56:

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 that 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:

- Their customer
- Their market
- Their 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 LEOs

One workshop was held in Eastpoint, Dublin on Feb 25th 2016 with 12 participants. A further workshop is planned for Eastpoint in Oct/Nov.

Action 57:

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.

The role of the mentor is to listen, advise and provide direction on a range on business related activities.

Action 58:

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. Now that TechIreland is operational the next step is to actively encourage mutual engagement between the MNCs and startups.

THEME 4 DUBLIN – 21ST CENTURY TALENT FOR ENTERPRISE

Strengthening collaborative dialogue between education and enterprise

Action 61:

Establish the process to develop the Regional Skills Forum for the Dublin region and appoint a Dublin Regionals Skills Manager

Update: Complete

Narrative:

Regional Skills Forum Manager for Dublin – Natasha Kinsella was appointed on May 16th 2016. Forum meetings are ongoing. Last meeting was held on June 15th with an agreed working terms of reference now adopted.

Partners in place: UCD, DCU, Trinity, DIT, IT Tallaght, IT Blanchardstown, IDAT, NCI, NCAD, CDET, Skillnets, EI, IDA, IBEC, DSP, and NDA. Others in discussion.

Key outcomes of June meeting:

- SMLRU presentation profile Dublin report – Solas
- Website update
- Partner organisational profile sheet agreed
- Role of RSM & Forum
- Next steps progress RSM presentation
- Calendar of meetings agreed
- Agreed actions to progress on: Operational plan & metrics being developed.

Next meeting October 18th.

The Regional Skills manager will continue to meet key stakeholders and employer specific engagement will begin once the sectoral focus is agreed.

Action 63:

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: Ongoing

Narrative:

The Scholarship of Engagement Conference is to be jointly hosted by the three institutions of the TU4Dublin consortium - Dublin Institute of Technology, Institute of Technology Blanchardstown and Institute of Technology Tallaght - in partnership with Purdue University. The conference is at an advanced stage of planning.

The concept has been promoted internationally and has received an enthusiastic response, particularly in the US and the UK. The conference website has been developed and the organisational and financial planning are well advanced. The final timing of the conference has yet to be finalised as it is believed that maximum benefit can be delivered if the conference takes place after the Technological University Legislation has been enacted.

Establishing a Technological University of Dublin

Action 64:

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

Update: Ongoing

Narrative:

The TU4Dublin project is ongoing. The TU4Dublin consortium, consisting of Dublin Institute of Technology, Institute of Technology Blanchardstown and Institute of Technology Tallaght, has successfully completed 3 stages of the 4 stage process, outlined by the HEA, for designation. The consortium continues to work towards the development of a new university for Dublin which surpasses the criteria as outlined in the draft legislation. Completion of stage 4 of the process is dependent on the enactment of the Technological University legislation.

International students... raising Dublin's profile and making corrections

Action 65:

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 student participation in Irish higher education has been growing steadily in recent years. In the case of those institutions within the Greater Dublin region, the numbers have increased from about 5,300 in 2011/12, to 10,200 in 2015/16. This is particularly significant given the rapid rise in domestic enrolments in the same period, which has placed particular pressure on the institutions to make such provision.

The HEA has agreed targets with the institutions in respect of further international student growth; it is expected that these numbers will rise further in 2016.

The DES is currently finalising a revised internationalisation strategy, and the HE sector will have regard to any changes in the final target numbers arising from that strategy.

Action 66:

Through greater enterprise collaboration, deepen HEIs role in promoting diversity in faculty and student population, deepen knowledge creation and dissemination and position HEIs to act as sources of vibrant creativity in the region.

Update: Ongoing

Narrative:

All higher education institutions engage in a variety of means of enterprise collaboration, ranging from essential input and critique in course design and review, to provision of consultancy and other advice to assist enterprise development, to specific or blue sky research contracted with industry to support enterprise development.

Each individual HEI has set out a range of metrics by which it measures performance in this regard, as part of the strategic dialogue compact agreed with the HEA. In addition the office of Knowledge Transfer Ireland collects and reports annually on both system and individual institution on progress by HEIs in supporting greater knowledge transfer.

Embedding entrepreneurialism, design-thinking and creativity in our next generation

Action 67

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:

This action is in planning phase; discussions with HEI partners will take place during September.

Action 68

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:

133 postgraduate scholarship awards under the Irish Research Council's (IRC) enterprise-facing programmes are currently held in Greater Dublin-area higher education institutions (including Maynooth University). This figure comprises 60 under the IRC's Enterprise Partnership Scheme (EPS) and 73 under the Council's Employment-Based Programme (EBP). Awards include scholars pursuing both PhDs and Masters.

In addition, 17 Postdoctoral Fellowships under the EPS are held in Greater Dublin-area HEIs.

Placement within enterprise/employers is an integral feature of the design of both EPS and EBP. Each award involves a research project in collaboration with an enterprise or employer partner, who co-funds the award. EPS awardees divide their time between enterprise and their host institution, whereas EBP awardees are based with the employer partner.

Action 69:

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.

Timeline 2016

Update: Ongoing

Narrative:

The MAKESHAPECHANGE programme (which Junior Achievement refer to as 'Power of Design') has been a huge success so far this year, 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 have been delivered to June 2016. Some schools pulled out due to the amount going on in their classes towards the end of the school year, however these modules will take place this September. This ensures that all modules take place within the 2016 calendar year.

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/>

Career focussed education

Action 71:

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:

A core objective in the creation of a Technological University for Dublin (TU4D) is embedding engagement and an enterprising culture in the new university. The aim is to bring about an internationalised, innovative, responsive, flexible, highly collaborative and connected TU4Dublin which has relevance and impact for its stakeholders, regionally, nationally and internationally, and is proactive in creating its own autonomy.

Achievements to date

- An extensive "snapshot" review of current engagement activity with industry and employers, and of the types of models in use in the three partner institutions.
- A review of international good practice in engagement and enterprise in exemplar institutions.
- An independent report of the views of a cross-section of industry and employer stakeholders on the enablers and inhibitors of engagement gained through focus groups with current and potential partners from industry, community organisations and professional bodies, and also with staff and students.
- An example of a model for student internships.
- Proposed principles to underpin engagement with industry, business and employer

The project is now moving to implement the plan which has been developed.

Action 72:

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) 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 to progress traineeship offerings in Dublin.

The Apprenticeship Council is continuing to work closely with the proposers of new apprenticeships with a view to developing them into sustainable apprenticeships that can be delivered on a nationwide basis. Recent months have seen the first of the new apprenticeships with the new Insurance Practitioner Apprenticeship launching and the Industrial Engineer Apprenticeship getting underway. Further new apprenticeships are due to launch in the coming months in various sectors including medical devices, polymer processing and financial services.

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

Celebrating and promoting difference

Action 75a:

Launch Dublin.ie as a key resource to promote the attractiveness of the city and to provide relevant data and information.

Update: Complete

Narrative:

Dublin.ie www.dublin.ie was launched in March 2016, in advance of the Saint Patrick's Festival, which was promoted through the site. Dublin City Council was assisted in this work by the site promoters in RTE and Dublin Chamber. Articles were commissioned on living, working and learning in the Dublin region, showcasing individuals and activities.

A digital marketing campaign was carried out targeting users in Dublin, UK, USA and Europe to ensure the site was brought to their attention. Arrangements were reached with key agencies and promoters to link to and make material available on events throughout the Dublin region.

The site is being further promoted through the use of social media and city banners and metropanels are in use to promote the site in key locations across Dublin city.

Action 75b:

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 by 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 on-going 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.

Dublin as a Gateway nationally and internationally

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 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 Strategy has not commenced and the official commencement of this process is by Ministerial direction.

Action 77:

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 on the development boards of DIT Grangegorman and St. James’. DCC will also be working closely, as part of the Local Economic and Community Plan, with the Docklands SDZ, LUAS Cross City and DART Underground. This will involve presentations being made to the DCC Economic Development and Enterprise Strategic Policy Committee on the economic impacts of these developments.

DLR County Council / Fingal County Council / South Dublin have identified the Cherrywood SDZ, Hansfield SDZ and Adamstown SDZ as key infrastructural projects.

Making connections: Dublin-Belfast Corridor

Action 79:

Promote and increase take-up of the Acumen and Elevate programmes providing financial assistance to local companies to Investigate and pursue export opportunities in Northern Ireland and ensure that LEOs are equipped with relevant information for signposting to companies.

Update: Complete

Narrative:

InterTradelreland made contact in March and July 2016 with all 4 LEOs to promote the Acumen and Elevate programmes and trade opportunities in general in Northern Ireland. Information was provided to help them advise their clients on trade and public procurement opportunities. In 2016 ITI also held an ongoing series of meetings with the LEOs on trade and procurement opportunities. InterTradelreland also have an On the Ground consultant based in Dublin whose role is to promote the ITI trade programmes in the Leinster region.

Action 80:

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:

BBSRC-SFI Call:

The UK's BBSRC is one of seven Research Councils that work together as Research Councils UK (RCUK). The BBSRC invests in world-class bioscience, people and research infrastructures. The BBSRC and Science Foundation Ireland (SFI) have partnered to welcome, encourage and support applications that may cut across their national boundaries.

In the first round of the BBSRC-SFI call, there were a total of 23 applications, 11 of which were from Dublin. The review process for these applications is ongoing.

The second BBSRC-SFI deadline received in a total of 40 applications. 25 of those were from a Dublin institution. The review process for these applications is ongoing.

Wellcome Trust:

The vision of the Wellcome Trust, the UK-based global charity, is to achieve extraordinary improvements in human and animal health. From 1 October 2010 the Wellcome Trust, in partnership with SFI and the HRB, will fund biomedical and clinical research in the Republic of Ireland under the auspices of the SFI-HRB-Wellcome Trust Biomedical Research Partnership.

In the current application period (Oct 15 – Sept 16), there were a total of 136 Irish applications under the SFI-HRB-Wellcome Partnership. Seven awards have already been made, of which five are based in Dublin. Two of these five awards are highly prestigious Investigator Awards. Some applications are still under review.

Royal Society:

The Royal Society's fundamental purpose, reflected in its founding Charters of the 1660s, is to recognise, promote, and support excellence in science and to encourage the development and use of science for the benefit of humanity. The Society has played a part in some of the most fundamental, significant, and life-changing discoveries in scientific history and Royal Society scientists continue to make outstanding contributions to science in many research areas.

This scheme is for outstanding scientists in the Republic of Ireland who are in the early stages of their research career and have the potential to become leaders in their field. Successful candidates will be awarded a Fellowship by the Royal Society, the cost of which will be met by Science Foundation Ireland. The scheme provides the opportunity to build an independent research career.

In the most recent call, five applicants (four of which are located in Dublin) have reached the interview stage of the review process.

US-Ireland:

The US-Ireland Research and Development Partnership is a unique initiative involving funding agencies across three jurisdictions: United States of America (USA), Republic of Ireland (RoI) & Northern Ireland (NI).

The following thematic areas are prioritised as important research grand challenges for the health and prosperity of the citizens of the United States, Ireland and Northern Ireland:

- Nanoscale Science & Engineering

- Sensors & Sensor Networks
- Telecommunications
- Energy & Sustainability
- Health

In 2016 thus far 10 submissions have emanated from Irish researchers, six of which are led by Dublin institutes. Four of these six have partners in Queens University Belfast (QUB). These six applications are currently under review.

THEME 6 DUBLIN – THE ‘IDEAS CAPITAL’

Smart Dublin

Action 81:

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: Ongoing

Narrative:

The governance structures have been set:

- The Smart Dublin Steering Committee meets once a month and is responsible for executive decision making. It comprises representatives from the four Dublin Local Authorities.
- A Smart Dublin Advisory Network is in process of being established and meets for the first time in mid-October. This network will involve representatives from a range of private, public and research partners. They will offer independent expert leadership, advice, support and will help with promoting Smart Dublin in their own networks.

Action 82:

Launch Smart Dublin in March 2016 to include the first of a series of challenges, including a Small Business Innovation Research (SBIR) Project.

Update: Complete

Narrative:

Smart Dublin was launched in March 2016 www.smartdublin.ie

The [Smart Cycle SBIR](#) was launched at the same time in partnership with Enterprise Ireland seeking smart innovative proposals to help scale up cycling in Dublin. Five companies have been shortlisted for phase 1 funding and will work with Dublin City Council to develop feasibility proposals to address in particular bicycle theft in the city.

There were workshops held across 4 local authorities with operational staff to set regional priority challenges. These challenges will form the basis of Smart Dublin’s work programme. There will be further open calls issued in 2017.

The regional team is now in place to provide support to the regional work programme.

Smart Dublin was shortlisted for Smart City Innovator of the Year at the 2016 [TM Forum Digital World Awards](#).

Action 83:

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:

The SBIR Smart Cycle Challenge was launched in March 2016 in partnership with Enterprise Ireland, as outlined above. There have also been a number of open calls for new technology solutions issued through the Smart Dublin website.

A number of pilots are underway as a result of proposals that were submitted through the Smart Dublin website.

There will be an official launch of phase 1 in mid-September in the Docklands.

There were workshops held across 4 local authorities with operational staff to set regional priority challenges. There will be further open calls issued in 2017 to address these challenges areas.

Action 84:

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 Council 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 project was launched in June 2016, hosted by Dublin City Council. Representatives of 10 EU partner cities attended. <http://urbact.eu/smartimpact>

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.

Meetings have been initiated with telecommunications companies to explore potential pilots.

Action 85c:

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

Update: Ongoing

Narrative:

Intel Flood Management IOT platform

The experimental platform is now live. This includes data and sensor integration from multiple platforms across DCC systems. There is experimentation being carried out with Low Power Area Networks (LPWAN) sensors. There will be a roll out of additional 24 sites in Q3 2016. A partnership with Connect (targeted SFI project) is due to be signed by August 2016.

The project has won an award for Best Innovation at Accenture Digital Media Awards:

<http://www.irishtimes.com/sponsored/gold-for-zoo-digital-at-accenture-digital-media-awards-1.2554116>

Kingspan

This is a collaboration between Dublin City Council, Dublin City University Water Institute and Kingspan to develop an affordable smart sensor network for water level monitoring.

Results so far have been validated against existing high cost river level monitors by DCU School of Water Innovation (over 99% level of accuracy). Results continue to be monitored and the data is being opened up through the regional open data portal www.Dublinked.ie for other researchers to use it.

<https://www.dcu.ie/news/2016/mar/s0316l.shtml>.

Design thinking in action

Action 88:

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 as per target. 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 being put in place working with an alternative group with a view to holding a design workshop in Q1-2017. A business community group has registered interest.

The website went live end February 2016 <http://designframework.ie/>

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.

DCC received a number of responses from Community Groups in March 2016 and having selected a partner, made considerable progress towards holding a Design Assistance Programme with the AIA beginning September 2016. Unfortunately, the Community Partner withdrew in late June 2016 for various reasons. Despite this set-back, the AIA agreed to continue, DCC re-launched the call in July and are now in discussions with a Business Community group. This group wants to explore ways to enhance the public realm and diversify uses in the city centre, on the basis that the built environment / public realm experience is crucial to attracting customers, and that people are looking for a range of offer when they visit a part of the city. It is an interesting proposition. If this proceeds, DCC will conclude the pilot in Q1 2017 and review by Q3 2017.

Street of the Future – test, experience and showcase technologies for living

Action 90:

Deliver a conference on emerging technologies building on the Silicon Stroll Bootcamp event 2015. Incorporate a session focused on Dublin Street of the Future to generate engagement and ideas to activate the concept.

Update: Complete

Narrative:

Dublin BIC's 'FutureScope' conference on 31st May 2016 brought technology thought-leaders to share perspectives on evolving tech trends. Focus was on Smart Cities featuring IoT as a key vertical. Speakers from Vodafone, The Connect Centre & Google presented on sectoral impacts as the IoT revolution evolves. Panel discussions explored challenges/opportunities with panellists from DropCar, Drone Wars, Tyco, Accenture, UCD, DCU, TCD, Intel.

A Technology Showcase featured practical demonstrations of Smart Cities technologies e.g. Dublin City Council/Intel's flooding sensor project, and emerging Smart technology start-ups Smart Charge, Firmwave, Endeco Technologies, Point of Care and SilverCloud Health. Over 700 participants attended from the business community (investors, start-ups, professional services firms).

Planning for FutureScope on 10th May 2017 has begun.

