Strategic Policy Committee
Economic Development & Enterprise

**EU Paper:
European Funded Projects
Overview**

Contents:

Dublin City Council European Funded Programme Applications:

Under the current European funding programme (2014 – 2020), Dublin City Council has submitted 49 European Funding proposals, and had previously submitted 14 project proposals to the previous funding programme (2007 – 2013). An overview of the evaluation process of the 49 applications is outlined below:

European Funding Proposals (2014 – 2020)	
Amt	**Status**
10	Secured grant management
25	Rejected following evaluation
2	Placed on reserve list
6	Currently being evaluated
3*	Progressed to Stage 2 evaluation
4	Submitted but did not progress to Stage 1 evaluation
1	Progressed to Stage 1 evaluation, but did not progress

*Please note 2 projects which have progressed to Stage 2 evaluation are also under the currently being evaluated category, equating for the deviation to 49 applications amounts.

Dublin City Council has submitted a number of projects under various EU funded programmes, including Horizon2020, Interreg B and FP7 (7th EU Framework Programme) across multiply departments within the organisation. An overview of the full 63 projects submitted to date is outlined in Appendix 1 attached.

Horizon2020: Horizon 2020 is the successor programme to FP7 (Framework Programme 7) and focuses on research and innovation programme in the EU. It takes great ideas from the lab to the market.

INTERREG B: Transnational cooperation involves regions from several countries of the EU forming bigger areas. It aims to promote better cooperation and regional development within the Union by a joint approach to tackle common issues.

FP7 (7th EU Framework Programme for Research & Technological Development):
This research and innovation programme ran for seven years from 2007 until 2013, and was a reflection of the high priority of research in Europe at the time.

Economic Development & Enterprise – EU Funded Projects Involvement:

European Funded Programmes which the Economic Development & Enterprise teams have been involved in are outlined below:

European Regional Development (ERDF) & EU Structural and Investment Programme 2014 – 2020 (Local Enterprise Office)

The Local Enterprise Office is funded through the European Regional Development (ERDF) and the EU Structural and Investment Programme 2014 – 2020 and is drawn down by Enterprise Ireland provided through a Service Level Agreement.

Xpand Insights – DEM Digital Dashboard (Smart Dublin)

The Xpand project is an EU funded initiative to assist with Data visualisation and dissemination. DCC are working with the team to apply it to the Dublin Economic Monitor. A beta version of the project is complete and will be interrogated by the EDO team to inspect for usability. If successful a platform like this could form part of the tendering brief for the next version of the DEM allowing for digital first promotion of data and information in real time.

European Social Economic Regions (ESER) Projects 2019 (Economic Development)

As part of Dublin City Council's involvement in the European Social Economic Regions Project 2019 – EDO hosted 4 events throughout 2019. Events included the Assistant Secretary General of the Department of Rural and Community Development launched the Social Enterprise Impact report showcasing the work of winners of the Dublin City Social Enterprise Awards and the Dublin City Social Enterprise Awards 2019, which saw Inner City Enterprise (ICE) managed the application and judging process and provide an on-going mentoring service to former awardees. The Social Enterprise Summit held in October 2019, as part of the Dublin City summit series, which identifies and brings together key stakeholders to discuss the current situation for social enterprise supports in the Dublin region, was accentuated by the ESER project. A draft outcomes report has been produced and disseminated at the February SPC meeting.

EU Project Be-Good: (Economic Development collaboration)

The Environment & Transport Department, Dublin City Council is a participant in the EU funded project, Be-Good (Building an Eco System to generate opportunities in Open Data). The Q4 2019 Your Dublin Your Voice (YDYV) survey, was conducted on behalf of the Traffic Department to comply with this European Project and enabled the department to receive feedback on the 30km speed limit. As with all YDYN survey findings are disseminated to senior management, councillors, relevant stakeholders and the public if there are no restrictions in place. There is on average a robust 900+ responses to recent surveys, where the panellists continue to be engaged and responsive to both closed and open ended questions.

Smart Cities:

The Smart Cities programme in Dublin City Council (DCC) has been involved in a number of European funded projects since Smart Dublin launched in 2016. It has built strong relationships with cities all across Europe and globally through engagement with European Initiatives, participating at city led European events and utilising the networking opportunities provided by joining a number of city networks.

Information in relation to some of the main EU H2020 projects and an overview of DCC's role can be found in this update. The projects have been grouped into the following categories:

- ❖ Completed EU H2020 Projects
- ❖ Ongoing EU H2020 Projects
- ❖ Commencing in 2020
- ❖ New Funding Applications

EAFIP is an EU support to help public bodies engage with innovative procurement models. DCC Smart Cities made an application for free public procurement consultancy under the eafip call last year and were successful. More information on this can be found under Additional EU Supports and Initiatives in this document.

Dublin has also been invited to take part in a Digital Innovation Initiative for capital European through Bloomberg Philanthropies. Details on this can also be found under Additional EU Supports and Initiatives.

Completed EU H2020 Projects			

Project Title	Project Theme/Focus	Duration	Current Status
Route to PA	Open Data	3 years	Completed
iScapes	Air Quality/Environmental Monitoring	3 years	Completed
Synchronicity	Planning for the Future -Sustainable Mobility	9-12 months	Completed

The table above shows the EU projects Dublin City Council have been involved in which are now finished. Below is an overview of these projects:

Route to PA - Project Completed

Project Overview:

The ROUTE-TO-PA project – **R**aising **O**pen and **U**ser-friendly **T**ransparency-**E**nabling **T**echnologies f**O**r **P**ublic **A**dministrations – aims at improving the engagement of citizens by enabling them to socially interact over open data, by forming or joining existing online communities that share common interest and discuss common issues.

ROUTE-TO-PA is a multidisciplinary innovation project, gathering expertise in the fields of e-government, computer science, learning science and economy. The project aims to promote transparency and evidence based decision making in local government by making city data more accessible to citizens through the use of online digital tools. Citizens can use these tools to socially interact over open data, by forming or joining existing online communities that share common interest and discuss common issues of relevance to local policy, service delivery, and regulation.

Dublin City Council Project Role: Pilot City

Other Pilot Cities:

- ✓ Prato, Italy
- ✓ Hetor, Italy
- ✓ Utrecht, Netherlands
- ✓ Issy, France

❖ **Project Duration:** 3 years (2015-2018)

❖ **Website:** https://project.routetopa.eu/

❖ **Grant No:** This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 645860.

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iScape - Project Completed

Project Overview:

The iSCAPE project was European research and innovation project active from September 2016 to December 2019 that worked on integrating and advancing the **control of air quality and carbon emissions in European cities** in the context of climate change through the development of sustainable and passive air pollution remediation strategies, policy interventions and behavioural change initiatives.

Dublin City Council Project Role: City as a testbed – Environmental Monitoring

Project Partners: See stakeholder map to the right.

❖ **Project Duration:** 3 years (2016-2019)
❖ **Website:** https://www.iscapeproject.eu/
❖ **Grant No:** iSCAPE has received funding from the European Community's H2020 Programme under Grant Agreement No. 689954.

SYNCHRONICITY

Project Overview:

SynchroniCity is a European Large Scale IoT Pilot project. The project is driven by a simple question: What would it take for a great data-driven solution in City "A" to readily work in City "B"?
18 cities and 40 companies are working together to trial similar solutions in different cities to identify challenges in scaling up IOT solutions. Societies are still struggling to get long-lasting value out of it, contributing to local priorities. How do we ensure that technology respects our privacy, enables us to live in a more sustainable way and helps us lead a happier life?

It has become clear that we need to rethink and improve our development of technology in order to create better living conditions for people. For this reason, Synchronicity, has opened up a global market, where cities and businesses develop IoT- and AI-enabled services through pilots to improve the lives of citizens and grow local economies.

Dublin City Council Project Role: City as a testbed –Using See.Sense Data to Transform Cities for Cycling.

Overarching Aim: Using new, crowdsourced mobility insights into travel patterns and the use of city
infrastructure with the overarching aim of encouraging growth in active travel.

See Sense Partner Cities: Dublin, Manchester and Antwerp

Dublin was one of 18 cities participating in Synchronicity. Each city involved tested at least one IOT solution

❖ **Project Duration:** 9-12mths (2019)

❖ **Website:** https://synchronicity-iot.eu

❖ **Grant No:** This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 732240

Ongoing EU H2020 Projects

The projects listed below are ongoing:

Project Title	Project Theme/Focus	Duration	Current Status
Operandum	Nature Based Solutions to prevent Flooding	3 years	Ongoing
ReaLsMs	Digital tools and Citizen Engagement	3 years	Ongoing

Project Overview:

OPERANDUM will deliver tools and methods for the demonstration and market uptake of Nature-Based Solutions to reduce hydro-meteorological risks. Nature-Based Solutions (NBS) are solutions that are inspired and supported by nature. These solutions provide environmental, social and economic benefits and help build resilience by bringing natural features into cities and landscapes.

In the OPERANDUM project, site-specific and innovative NBS are co-designed, co-developed, deployed, tested and demonstrated with partners and local stakeholders in open-air laboratories. These open-air laboratories (OALs) are natural and rural Living Labs that cover a wide range of hazards with different climate projections, land use and socio-economic characteristics.

Project Objectives: OPERANDUM will provide evidence for the usability of NBS, best practices for their design, replication and scalability. It has the following objectives:

- ❖ Integrate knowledge about NBS efficacy against hydro-meteorological risks
- ❖ Strengthen technology innovation in the area of NBS
- ❖ Improvement of acceptance of NBS based implementation
- ❖ Enhancement of market demand and increase of competitiveness of NBS
- ❖ Strengthening the adoption of NBS in national policies

Dublin City Council Project Role: City as a testbed – Collaborating with internal DCC staff to provide UCD team with data and background knowledge of flooding hotspots where nature based solutions can be implemented, monitored and measured.

Other Pilot Cities: See Below.

CHINA (HONG KONG)

The Hong Kong New territories (945 km2), a region between two major urban areas of Hong Kong and Shenzhen
Read more >

FINLAND

Lake Puruvesi (416 km2) in Eastern Finland between South-Savo and North-Karelian regions
Read more >

GERMANY

Biosphere Reserve 'Niedersächsische Elbtalaue' (Lower Saxonian Elbe Valley)
Read more >

GREECE

Region of Sterea Ellada
Read more >

IRELAND

Dodder River
Read more >

ITALY

Po Valley (Panaro river, Comacchio valleys, Reno, Emilia Romagna coastal area)
Read more >

SCOTLAND UK

❖ **Project Duration:** 3 years (2018-2020)

❖ **Website:** https://www.operandum-project.eu/oals/

Grant No: This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 776848

ReaLsMs (Real Smart Cities) - Project Ongoing

Project Overview:

ReaLsMs (Real Smart Cities) is a 3 year Marie Skłodowska-Curie Action funded research project conducted under the auspices of RISE (Research and Innovation Staff Exchange). The overarching objective of the ReaLsMS is to develop and implement a critical perspective on the Smart City and Smart City discourses through critical humanities research and innovation.

Dublin City Council Project Role: City as a testbed – DCC will host two seconded people from Paris in 2020 and two members of staff will visit Plaine Commune, France. DCC are expected to conduct a citizen engagement project. The Dublin 8 area has been selected due to similarities in the Plaine Commune region.

Other Pilot Cities: Paris, Durham and Equador

- ❖ **Project Duration:** 3 years (2017-2020) Smart Cities inherited this project in 2020.

- ❖ **Website:** http://realsms.eu/about/

- ❖ **Grant No:** This project has received funding from the European Union's Horizon 2020 research and innovation programme under the Marie Skłodowska-Curie grant agreement No.777707

SENATOR - Commencing in 2020

Project Title	Project Theme/Focus	Duration	Current Status
SENATOR	Sustainable Freight Logistics in Urban Spaces	3 years	Commencing 2020

SENATOR - Smart Network Operator Platform enabling Shared, Integrated and more Sustainable Urban Freight Logistics
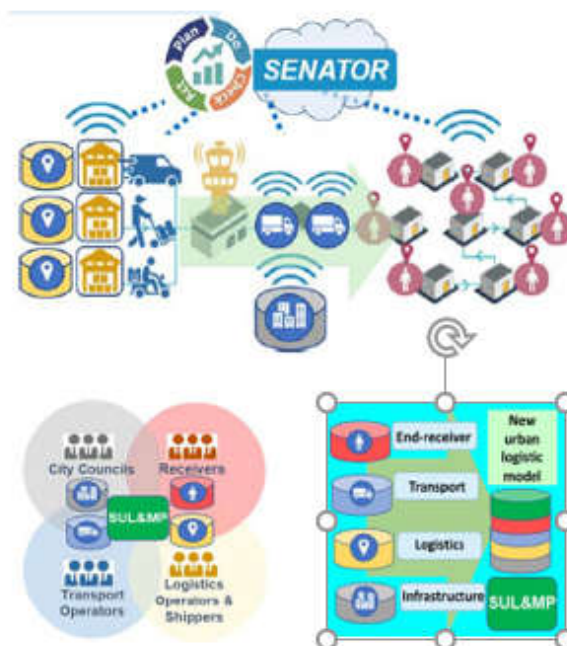
Project Overview:
Project plans to develop an online platform which will manage and optimise freight collections and deliveries in Dublin and Zaragoza. The platform is for use by all delivery companies however core project partners and initial participants are national carriers An Post and Correos.

Consignments of deliveries will arrive into a consolidation centre (warehouse) to be transferred into smaller batches for sustainable transport mode delivery (EV, cycle, walker), delivery routes will be optimised via the SENATOR platform.

Dublin City Council Project Role: City as a testbed – From a local authority perspective introducing more sustainable delivery options will help to reduce carbon emissions and traffic congestion within the city centre. DCC are responsible for parking and city bye-laws which connected to deliveries, loading bays etc.
Project Partners: The city of Zaragoza, Correos, Deusto University (Spain).

- ❖ **Project Duration:** 4 years Due to commence May 2020.

- ❖ **Total funding:** €4 million, **DCC funding:** €239,000

- ❖ 11 member consortium including DCC, UCD, An Post (Ireland) and 5 further technical, communications and commercial partners.

SCALEs – New Funding Application – Jan 2020

This is a new application for funding submitted at the end of January 2020. Successful apllicants will be informed of their success around March/April time.

SCALEs Positive Energy District/ Lighthouse City Application

The SCALEs project will develop new solutions for Positive Energy Blocks (PEBs) and Districts (PEDs). A Positive Energy District (PED) is a neighbourhood which consumes less energy than it produces (net positive energy balance).

In Dublin, the plan is to create Positive Energy Blocks (PEBs) in Ballymun and Tallaght. These are to develop into Positive Energy Districts and provide a model for the city to make its 2050 low/ no carbon energy transition. An Innovation Lab is planned for UCD and an Innovation testbed for Docklands.

- ❖ Total funding: (H2020) €21 million.
- ❖ DCC funding: €1.16 million.
- ❖ 36 partners including the City of Jyvaskyla (Finland) as fellow Lighthouse City. 6 Fellow cities.
- ❖ Application deadline: 29 Jan, 2020.

Additional EU Supports or Initiatives

EAFIP - European Assistance for Innovation Procurement initiative (eafip)

This initiative supports public procurers across Europe in developing and implementing innovation procurement. The aim of the eafip-initiative is to promote good practices and reinforce the evidence base on completed innovation procurements across Europe and to encourage other public procurers to start new PCP and PPI procurements. **Website:** https://eafip.eu/

In 2019 the Smart Cities team submitted an application to avail of free assistance to roll out an innovative procurement challenge for an IOT solution to deter life buoy theft and improve reporting.

We will be the first local authority in Ireland to establish a Framework with this two phase process which includes an initial market consultation and will allow public sector to work with companies to co-design solutions and trial for a period of up to 12mths with no obligation to buy if the solution does not pass an evaluation at the end of Phase 1.

Companies that are successful after Phase 1 will be on the Framework until it expires. The multi-party supplier Framework is designed to enable all other local authorities draw down on the services using the same Framework, increasing efficiency and reducing replication of tenders for similar services. This process also addresses the need from public sector in relation to purchasing new or innovative technologies that can be restricted by traditional procurement processes.

A new call for assistance will be opened in February 2020. For information on the (so far) selected projects and the Assistance see here.

Bloomberg Philanthropies Launches New Digital Innovation Project for European Cities

Dublin was one of 28 cities selected to take part in Bloomberg Philanthropies new Digital Innovation Project.

Press Release: https://www.bloomberg.org/press/releases/bloomberg-philanthropies-launches-new-digital-innovation-project-european-cities/

The Head of DCC's Transformation Unit, Eileen Quinlivan and Jamie Cudden, Smart City Programme Manager represented Dublin for the first session in London in mid-January 2020.

The next steps will be to identify an internal service that is also public facing and in need of digital transformation. A dedicated team will be put in place from Dublin City Council to work on the project and Bloomberg teams will provide various supports to the team throughout the process.

Bloomberg Digital Tools Report 2020

Dublin has also been invited to feature in Bloomberg Associates' second edition of their Digital City Tools report. We will be one of 30 global cities highlighted for the innovation that's happening in Dublin. This edition, is placing a greater emphasis on the technologies that are enabling city services to be delivered more effectively.

The first report highlights the innovative ways city governments around the world are using technology to overcome challenges and drive progress. It is part of an information exchange among twenty-two global cities about the digital technologies they use, how they are implementing them and their impact.

You can download the report here: https://digitalcitytools.bloombergassociates.org/

European Networks (Led by the International Relations Unit)
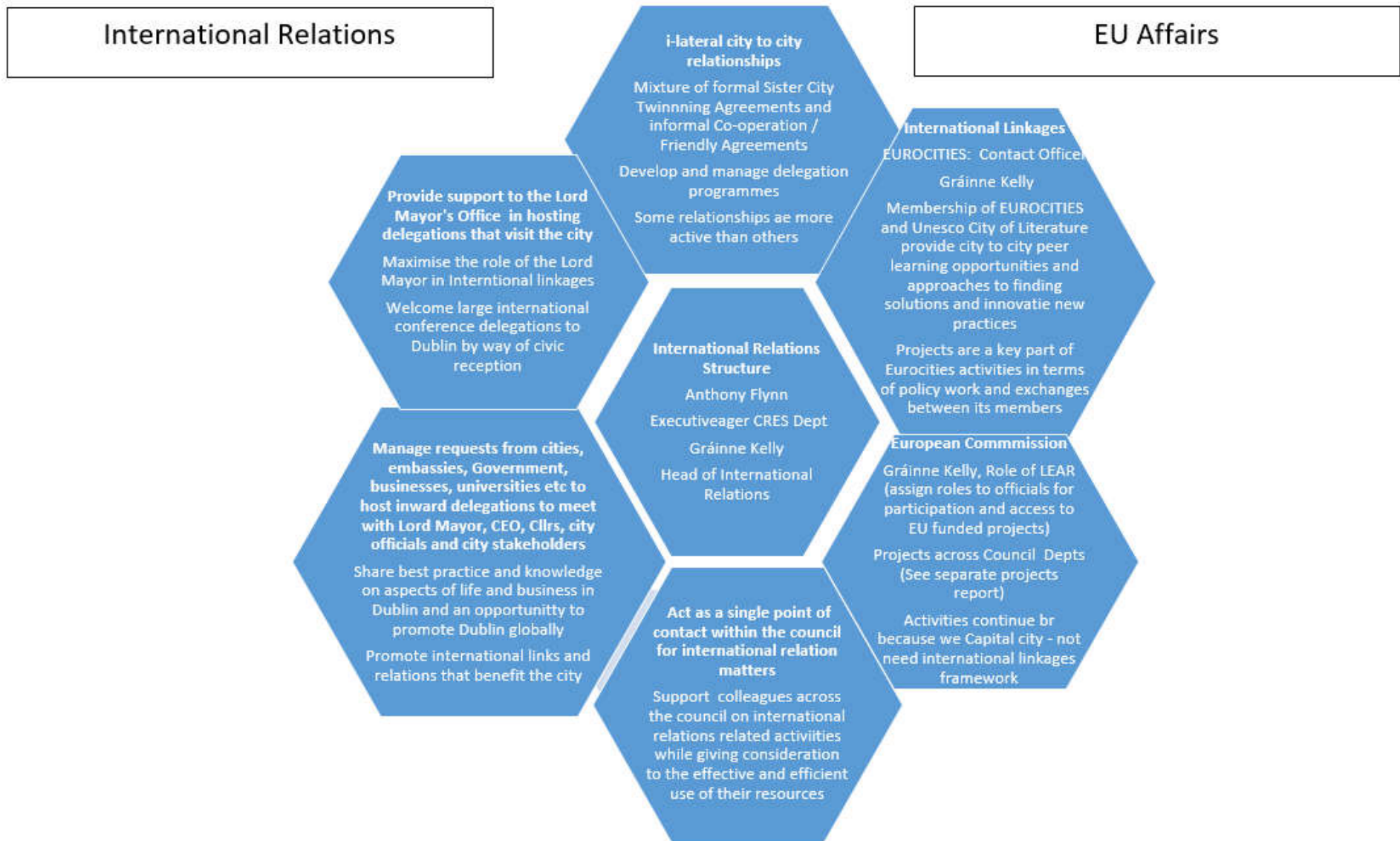
Euro Cities Participation:

Dublin City Council participates in the Euro Cities Executive Committee, with executive representatives from Dublin City Council on various forums including Culture, Knowledge Society, Environment, Culture, Economy, Environment, and Social Affairs. An overview of the Euro Cities Executive Committee structure is included in Appendix 2 attached and an overview of Dublin City Council Executive representatives on each forum is outlined in Appendix 3 attached.

Multi-lateral relationships with organisations of common purpose help develop and enhance relationships with other international cities. Dublin is a member of EUROCITIES which is a network of major European cities whose members are the elected local and municipal governments of major European cities and brings together 140 local governments of Europe's largest cities and over 45 partner cities that between them govern 130 million citizens across 39 countries. EUROCITIES works in all areas of interest for cities from culture to mobility, environment to social affairs, economic development to smart cities and the network offers a wealth of opportunities for shared learning and international best practice and provides a high profile international platform which enables cities to showcase their achievements to peers as well as to influential stakeholders.

Dublin faces many of the same challenges to growth and prosperity that many other cities across the globe face. Membership of organisations such as Eurocities provide city to city peer learning opportunities that can yield novel approaches. Eurocities business is conducted through six thematic forums: Culture, Environment, Economic Development, Knowledge Society, Mobility and Social Affairs. Dublin city officials are members of a number of working groups established under the forums and they participate in areas such as air quality, climate change and energy efficiency, noise and waste, entrepreneurship and SME's, innovation, resources for culture and access, creative industries, knowledge, smart cities, housing and homelessness. Members of the working groups receive notifications on the most up to date information on calls for funding and financing opportunities of interest to them and receive the *Eurocities Insider* which includes information on all funding programmes and events being organised by Eurocities.

Projects are a key part of Eurocities activities in terms of policy work and exchanges between its members. Currently within the City Council, there are approximately 15 open projects under the various funding programmes, but primarily under H2020 and officials in the Environment & Transportation, Housing Architects and Chief Executives Departments are partners in these projects. In order for Dublin City Council to participate and access funding for projects under the various funding programmes, a Legal Entity Appointed representative (LEAR) has been appointed. Gráinne Kelly, International Relations is the appointed LEAR and is responsible for specifying who can sign grant agreements or financial statements on behalf of the City Council and can view all documents related to the legal and financial data and status under the various programmes. All project proposals are integrated throughout departments across the organisation, as illustrated in Figure 1 overleaf.

Figure 1: Integration of International Relations & EU Affairs in Dublin City Council:

International Relations

EU Affairs

i-lateral city to city relationships

Mixture of formal Sister City Twinnning Agreements and informal Co-operation / Friendly Agreements

Develop and manage delegation programmes

Some relationships ae more active than others

Provide support to the Lord Mayor's Office in hosting delegations that visit the city

Maximise the role of the Lord Mayor in Interntional linkages

Welcome large international conference delegations to Dublin by way of civic reception

International Linkages

EUROCITIES: Contact Officer Gráinne Kelly

Membership of EUROCITIES and Unesco City of Literature provide city to city peer learning opportunities and approaches to finding solutions and innovatie new practices

Projects are a key part of Eurocities activities in terms of policy work and exchanges between its members

International Relations Structure

Anthony Flynn

Executiveager CRES Dept

Gráinne Kelly

Head of International Relations

European Commmission

Gráinne Kelly, Role of LEAR (assign roles to officials for participation and access to EU funded projects)

Projects across Council Depts (See separate projects report)

Activities continue br because we Capital city - not need international linkages framework

Manage requests from cities, embassies, Government, businesses, universities etc to host inward delegations to meet with Lord Mayor, CEO, Cllrs, city officials and city stakeholders

Share best practice and knowledge on aspects of life and business in Dublin and an opportunitty to promote Dublin globally

Promote international links and relations that benefit the city

Act as a single point of contact within the council for international relation matters

Support colleagues across the council on international relations related activiities while giving consideration to the effective and efficient use of their resources

Dublin City Council - Additional International Project Collaborations with EU:

Environment & Transportation Department

CODEMA:
Codema are involved in a few EU projects on behalf of Dublin City Council. Codema are working with Dublin City Council and South Dublin County Council to develop Ireland's first large-scale district heating networks, which will supply homes and businesses in the Dublin area with low-carbon, renewable heat. Using their knowledge of best knowledge of European best practice, they are working with all four Dublin Local Authorities to implement Energy Performance Contracting, with two projects already ongoing in Dublin City Council. Their Energy Planning team is currently working on an Energy Master Plan for the entire Dublin Region, which will be the first of its kind in Europe and will provide evidenced-based solutions for reducing our carbon emissions towards 2030 and 2050.

Handshake Project:
Through the Transportation section, Dublin City Council is part of a 19 member consortium. Project enabling the transferability of cycling innovations and assessment of its implications

Housing & Community Services

Vienna Housing Model:
Through the Housing section, Dublin City Council are a project partner on the EU project: Vienna Housing Model for 21st Century; project partner on disruptive technology and housing. A collaboration with City of Vienna and City of Barcelona.

EU TEFCE Project:
The South Central Area are currently working with **TUDublin on the EU TEFCE project around community engagement.**

Arts Office

Permission to Wonder (EU Erasmus + Programme)
Supporting schools to implement the Visual Thinking Strategies method to enhance Learning with Visual Arts. The project is designed to innovate and develop the components of a methodology for educators in European partner countries to learn and use the Visual Thinking Strategies (VTS) method to facilitate Learning with Visual Arts in Schools and in Cultural Institutions with a remit for arts education. 3 x year project finishing July 2020 between DCC Ireland as the lead partner and 5 x European partner countries, Netherlands, Finland, Denmark, Spain & Slovenia.

Sports & Recreation

EURO2020

For the first time, Dublin will be a host city for **UEFA EURO 2020** and will host four games at the Aviva Stadium in June/June. The competition is the world's third biggest sporting event, making our host city status a huge achievement and opportunity for Irish people to experience an incredible sporting event on their own doorstep. This will be the biggest sporting event ever hosted in the city of Dublin. An international TV audience of more than 2 billion watched when UEFA EURO 2016 was held in France, making this a unique opportunity to show case the city and the country on the world stage.

Dublin City Council Culture Company - EU Labs

Established in March 2018, Dublin City Council Culture Company runs cultural initiatives and buildings across the city on behalf of Dublin City Council and the people of Dublin, and runs an initiative called EU Lab.

The EU Lab has been developed to connect Dublin's ideas and innovations with European partners for the benefit of all. It finds and matches partners with common interests to help them build projects and source European funding. They assist in putting together complex applications, provide training about EU systems and help Dublin City forge productive cultural European partnerships. The EU Lab aims to increase the number of successful EU funding applications from Dublin city.

Four projects were developed for submission in 2019. Dublin City Council Culture Company is working with Dublin City Council Sections on international collaboration projects for submission to EU Funding programmes as below:

Dublin City Public Libraries & Archive:
Application: Europe for Citizens with Richmond Barracks also as a partner

Dublin City Public Art with partners in University of Gothenburg (SE) and Kaunas 2022 (LT) for an application: Creative Europe in 2019

Dublin Sports & Wellbeing partnership working with Sports Fryslan (NL), Gerlev Academy (DK) and the European Sports for All Network. Application: Erasmus + Sport and Erasmus + - deadline 1st April 2019

Dublin City Council Culture Company in partnership with Institut Francais, Paris and 12 partner countries. Application: Creative Europe submitted December 2018. 14 Henrietta Street will also partner on this.