

Limerick Digital Strategy

Towards a Sustainable

Smart Limerick

City Region & Communities

Limerick City & County Council
27/11/2017

Dr. Mihai Bilauca
Head of Digital Strategy

@LimerickCouncil
www.limerick.ie

Smart Cities

Resilience, Sustainability,
Service Innovation
Quality of Life





Limerick 2030

Smarter Ways of Working



Citizen Engagement

Leadership & Collaboration

Effective use of
Data

Integrated
ICT Infrastructure

Timeline 2016-2020





Collaboration & Leadership



Limerick Charter

Partnerships

Public, Private, Academia,
Community & Voluntary

**Council
Digital Champions
Forum**

24 members

**Limerick
Digital Leaders
Network**

37 members from 28
organisations

Strategic Approach

Limerick
CITY & COUNTY
COUNCIL

Smart Limerick
The Digital City

7. Service Innovation
Cross Agency
Services

1. Engagement & Participation
Consultation & Collab.

✓ **6. Digital Transformation**
Council Programme

Limerick
2030

✓ **2. Information & Marketing**
limerick.ie

✓ **5. Data & Analytics**
Insight Limerick
Platform

✓ **3. Service Integration Platform**
My Limerick

4. Digital Infrastructure
NBP, WiFi, Fibre, IoT,
CCTV, MDN

8. Governance, Strategy & Policy

9. Leadership & Supporting Structures

10. Digital Age - Research & Development

10 Programmes

125 Projects

26 Completed,

44 In Progress, 55 Planned

60 champions

28 partner organisations

5 years

Funding

€3.5m LCCC investment

€2.5m external

€2.5m planned

€6.5m sought EU-H2020

- Footfall Counting
- Smart Parking

Physical Development Roadmap Highlights



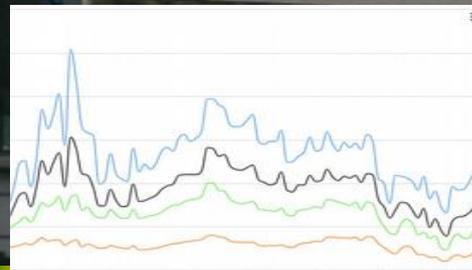
100 IoT Sensors

- Air Quality
- Noise
- Water & Soil Quality

Positive Energy District
(€6m EU Horizon 2020)



Noise



Air Quality



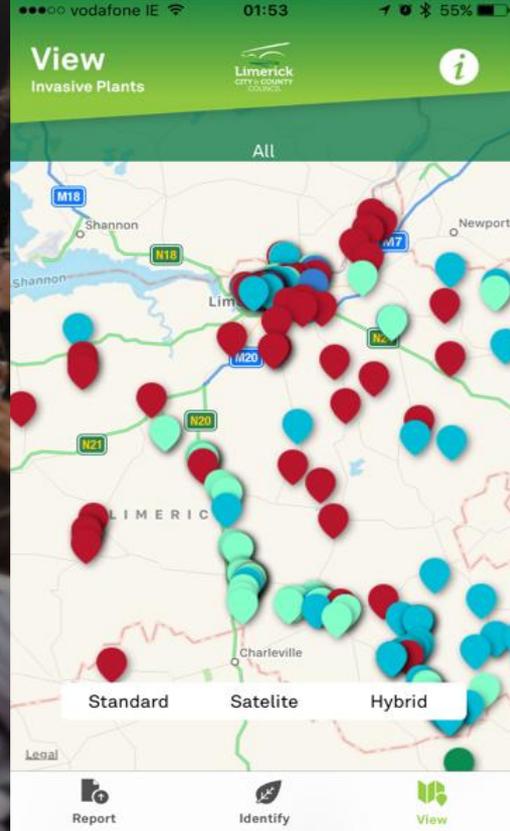
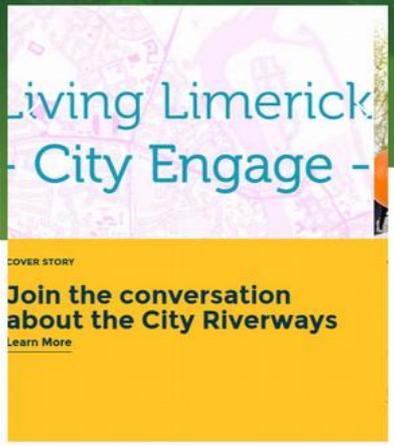
Footfall & Cycling Sensors



Footfall Counting

Social Development

Roadmap Highlights



- Citizen Engagement & Participation
- 6 Community centres with digital capabilities
- Safer Communities: €500,000 Smart CCTV in 14 Towns
- Digital Skills
- Digital Inclusion



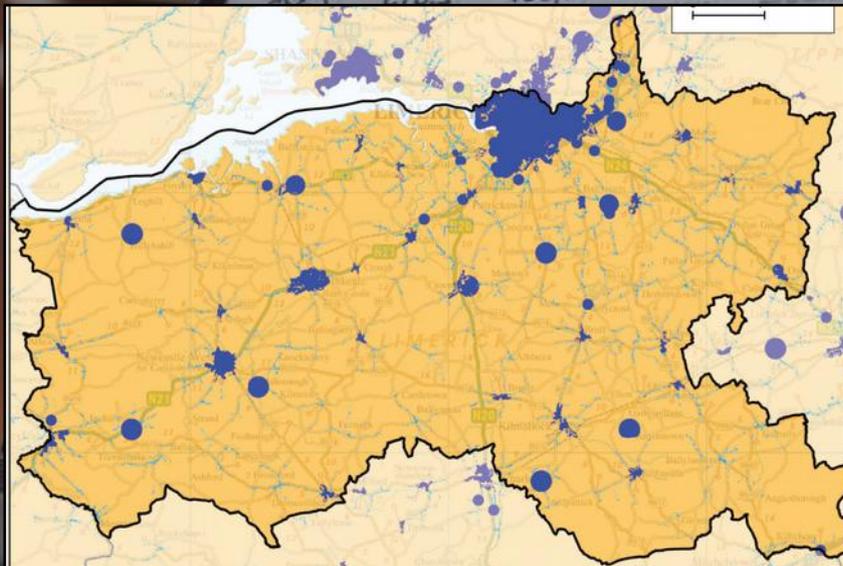
Broadband: 37,137 premises 38% (NBP)

Planning Policy for Smart Buildings & Smart Homes

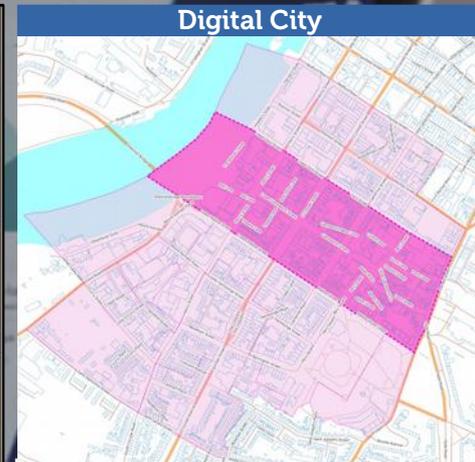
Georgian Innovation District

4 x Digital Quarters

Economic Development Roadmap Highlights



Total Number of Premises in Limerick	97,173
Premises covered by Intervention Area	23%
Premises covered by Commercial Operators	62%
Premises to be covered by Planned Commercial Rural Deployment	15%



Digital Quarter

Dedicated Demo Area in the Georgian Innovation District



Information & Marketing

- 10 Digital Displays

- 20 Public WiFi zones
- 14 Live Cameras

Insight Limerick Data

- €500,000 R&D - LERO
- 4 Public Dashboards
- 100 Open Datasets

Economic Development Roadmap Highlights



World's Best 25 Tourism Websites (Skift 2017)



Customer Service & Service Operations

My Limerick

50 new online services, payments, licences, permits



10% increase in customer satisfaction

- Smart Operations: 100 users of Mobile CRM
- Program & Project Management

Support Services Highlights

Information Management -
LITE Programme
950 users using Electronic
Records



Municipal Data Network
Wide Area Network



New Telephony System
Video Conferencing
Council Podcasts



Limerick Digital Strategy

Benefits of reaching a
New Level of Digital Maturity

Universal Access to Internet
Better Citizen Engagement
Better access to Information
& Education

Better use of data

Better Services & Digital
Services
Better Cross-agency
Collaboration

15 Conferences

Limerick
CITY & COUNTY

Dublin, Belfast, Zagreb,
Limerick, Galway, Cork

Digital Government
Ireland, 2017

Smart Cities Summit,
London 2017

National & International Headlines

THE IRISH TIMES Wed, Jun 7, 2017

NEWS SPORT BUSINESS OPINION LIFE & STYLE CULTURE MO

Technology > How to ... | Data Privacy | Tech Tools

Limerick to get real-time data driven 'smart city' framework

Goal of €500,000 project is to boost local engagement and improve quality of life

siliconrepublic DISCOVERY Tweet

The city of Limerick could soon be one of Ireland's smartest cities after the Irish software research centre Lero announced it will invest €500,000 in a smart-cities case study project.

Over the past few years, Limerick has grown to become one of the data capitals of Ireland. Just [this week](#) (17 October), news came that real-time electronic payments company ACI is to bring 50 new jobs to Limerick as it opens its new data centre in the city.

Now, the city is the setting for a Science Foundation Ireland (SFI) national case study to develop the IT and enterprise architecture needed to create smart cities of the future.

INSPIRE fest 17 Don't miss Europe's leading sci-tech event
SUPER EARLY BIRD TICKETS ON SALE NOW

A coup for Limerick

"Limerick to get real-time data driven Smart City framework"

The Irish Times 19/10/2016

A coup for Limerick

"Limerick selected as case study for €500,000 smart city project"

Silicon Republic 20/10/2016

National & International

Smart Cities Manifesto, Yinchuan, China 2017

Initial Signatories of City as a Platform Manifesto

tmforum



40 major cities signed the "City as a Platform" manifesto

The manifesto's inaugural signatories include: all the major smart cities such as Atlanta, Belfast, Chicago, Dublin, Las Vegas, Leeds, Limerick, Liverpool, Medellin, Miami, Milton Keynes, Tampere, Utrecht, Wellington

tmforum

HOW SMART ARE YOU?

Limerick
has signed the
#cityplatformManifesto



Towards Smarter Limerick

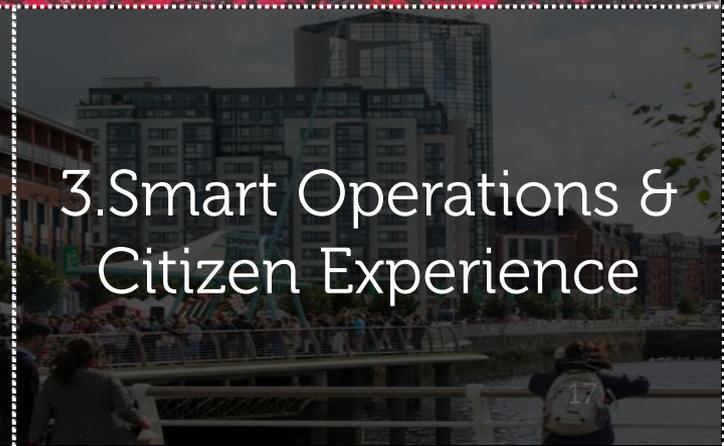
Immediate Next Steps



1. Citizen Engagement
Model & Platform



2. Insight Limerick:
Data as a Service



3. Smart Operations &
Citizen Experience

Let's Look Ahead

Smart Limerick 2025

Data, Automation, Artificial Intelligence

1,000 Smart Homes
100 Smart Buildings
Smart Energy District

Limerick for a Better Quality of Life



LIMERICK 2030 IS...



SMART LIMERICK

INFORMED / ENGAGED / TRANSFORMED