



### **OPEN, CONNECTED & ENGAGED**















## **CITY TRENDS**

"The 19th century was a century of empires, the 20th century was a century of nation states. The 21st century will be a century of cities." Wellington E. Webb, Former Mayor of Denver

66% of the worlds population in cities by 2050

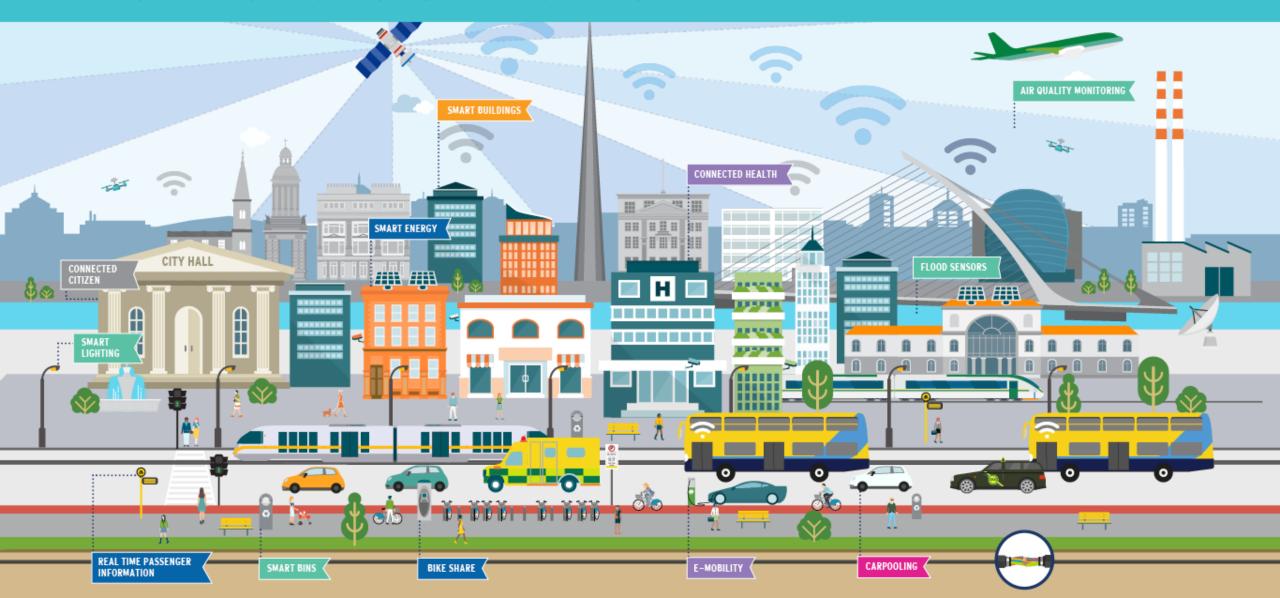


City Challenges:
ageing populations,
legacy
infrastructure,
climate
change,
housing

Tech
adoption
rises
exponentially—
challenges BUT
critical
opportunities

## WHAT IS A SMART CITY?

**Real Time - Connected - Data Driven** 





### **SMART DUBLIN**

IT IS AN INITIATIVE OF THE FOUR DUBLIN LOCAL AUTHORITIES TO ENGAGE WITH SMART TECHNOLOGY PROVIDERS, RESEARCHERS AND CITIZENS TO SOLVE CHALLENGES AND IMPROVE CITY REGION LIFE.

### LOCAL GOVERNMENT IRELAND

- 31 LOCAL AUTHORITIES (LA'S) IN IRELAND WITH ELECTED LOCAL COUNCILS.
- SMART DUBLIN REPRESENTS 4 AUTONOMOUS DUBLIN LA'S.
- NO DIRECTLY ELECTED DUBLIN MAYOR.
- LA REMIT: PLANNING, HOUSING, LOCAL ROADS, ENVIRONEMNT AND WASTE MANAGEMENT, LIBRARIES, COMMUNITY DEVELOPMENT.
- NO AUTHORITY: HEALTH, EDUCATION, TAXATION (EXCEPT RATES).











- Forward thinking local authorities & city officials
- **Global technology companies**
- **World-class research institutes**
- **Vibrant start-up community**
- **Engaged citizens**











Deloitte.



















#### Research Centres:











#### Higher Education:









### State Agencies:

















# **OUR PROGRAMME**

OUR VISION IS FOR DUBLIN TO BE A WORLD LEADING OPEN, CONNECTED AND ENGAGED SMART CITY REGION TO LIVE IN, WORK IN AND VISIT















# SMALL BUSINESS INNOVATION RESEARCH (SBIRs)



EXECUTING OPEN INNOVATION



- CYCLING
- ✓ WAY FINDING
- **✓ MOBILITY HUB**
- **✓ LAST MILE DELIVERY**

# SMART 😞 ENVIRONMENT

- **✓ ILLEGAL DUMPING**
- **✓** GULLY MONITORING
- **✓ BATHING WATER**
- ✓ IOT

### **SMART PEOPLE**

**✓ UNHEARD VOICES** 





- ✓ FIRE SAFETY & UNIVERSAL
  ACCESS IN HISTORIC BUILDINGS
- AMAZING SPACES, SMART SPACES







IN PARTNERSHIP WITH:



















### ILLEGAL DUMPING



SEEKING **SMART**, LOW COST SOLUTIONS...

**CHALLENGE:** URALILLEGAL REGION

















### **GULLY MONITORING**

SEEKING **SMART**, LOW COST SOLUTIONS...















€200,000 IN FUNDING AVAILABLE











**SMART DUBLIN** 

### INTERNET OF THINGS



SEEKING **SMART**, LOW COST SOLUTIONS...









**MESH NETWORK** 











### UNHEARD VOICES





















# SMART CITIES AND DIGITAL RIGHTS

### Challenges

- Distrust of tech
- Concern over data usage
- Digital Divide
- Discrimination and exclusion
- Gentrification



# DIGITAL RIGHTS 3-PRONGED APPROACH: COMPLIANCE, ETHICS, CITIZEN ENGAGEMENT











Check out SmartDublin.ie

#### **SMART DUBLIN**

Dublin City Council, Civic Offices, Wood Quay, Dublin 8, Ireland. W: www.SmartDublin.ie • E: info@smartdublin.ie







