

# Dementia Friendly Town

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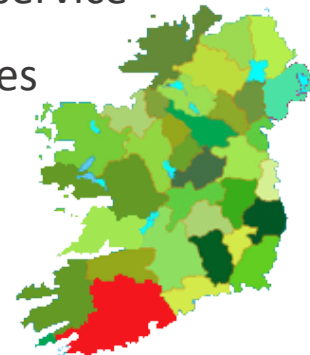
## Nimbus Research Centre, Cork Institute of Technology

- **Internet of Things (IoT)** and Cloud Technologies
- Wireless **Sensor Networks** and Sensor Platforms
- **Localisation** and Visualisation Technologies
- Software - Hardware **Integration** skills
- Synergies to **Business** Processes
- **Prototyping** skills
- **Testbed** facility
- 100 staff
- 280+ project completed



## Cork County Council

- **Local authority** for largest county in Ireland
- **400,000** population
- Est. **budget** for 2016 €153 million
- Responsible for social housing, built environment, planning, libraries, transport, water, fire service
- **8** municipalities and **28** towns, **300** villages
- **Age Friendly** County Strategy
  - **Older People's Council**
  - testbed towns **Kinsale, Mallow**



# Dementia Friendly Town

## Aims

- Supporting people with **dementia**
- Supporting their **families** and carers
- Making a **town** safe and open to people with dementia
- Promoting **awareness** of dementia and reduce stigma

## Solutions

- **Integrated** solutions of various ICT IoT and Apps that
  - provide directional aid tools
  - provide soft monitoring
  - provide alert to trusted friends
  - safe social/shopping settings



## What we have ... existing cluster



### Nimbus Research Centre, CIT

- Internet of Things and Cloud Computing expertise
- Sensor and System Integration
- Software - Hardware Prototyping
- Urban and Rural Community Testbed
- see [www.nimbus.cit.ie](http://www.nimbus.cit.ie)
- see [www.nimbus.cit.ie/litmus](http://www.nimbus.cit.ie/litmus)



### Cork County Council

- Local Authority
- Testbed and User Group
- Older People's Council
- Age Friendly County
- see [www.corkcoco.ie](http://www.corkcoco.ie)
- see [www.agefriendlyireland.ie](http://www.agefriendlyireland.ie)



[nimbus.cit.ie](http://nimbus.cit.ie)

## What we need ... partners / co-ordinator

### Enterprises & Researchers

- ICT Applications and Solutions

### Device Developers

- Monitoring and Wearable devices manufacturers

### Other User Groups

- Representative bodies of Older People and Carers

### Clinical Specialists

- Geriatricians and Behavioural Scientists

### Business Innovation Specialists

- Business Specialist with Internet of Things Ideation

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