

# RITS-Net

## Final Conference

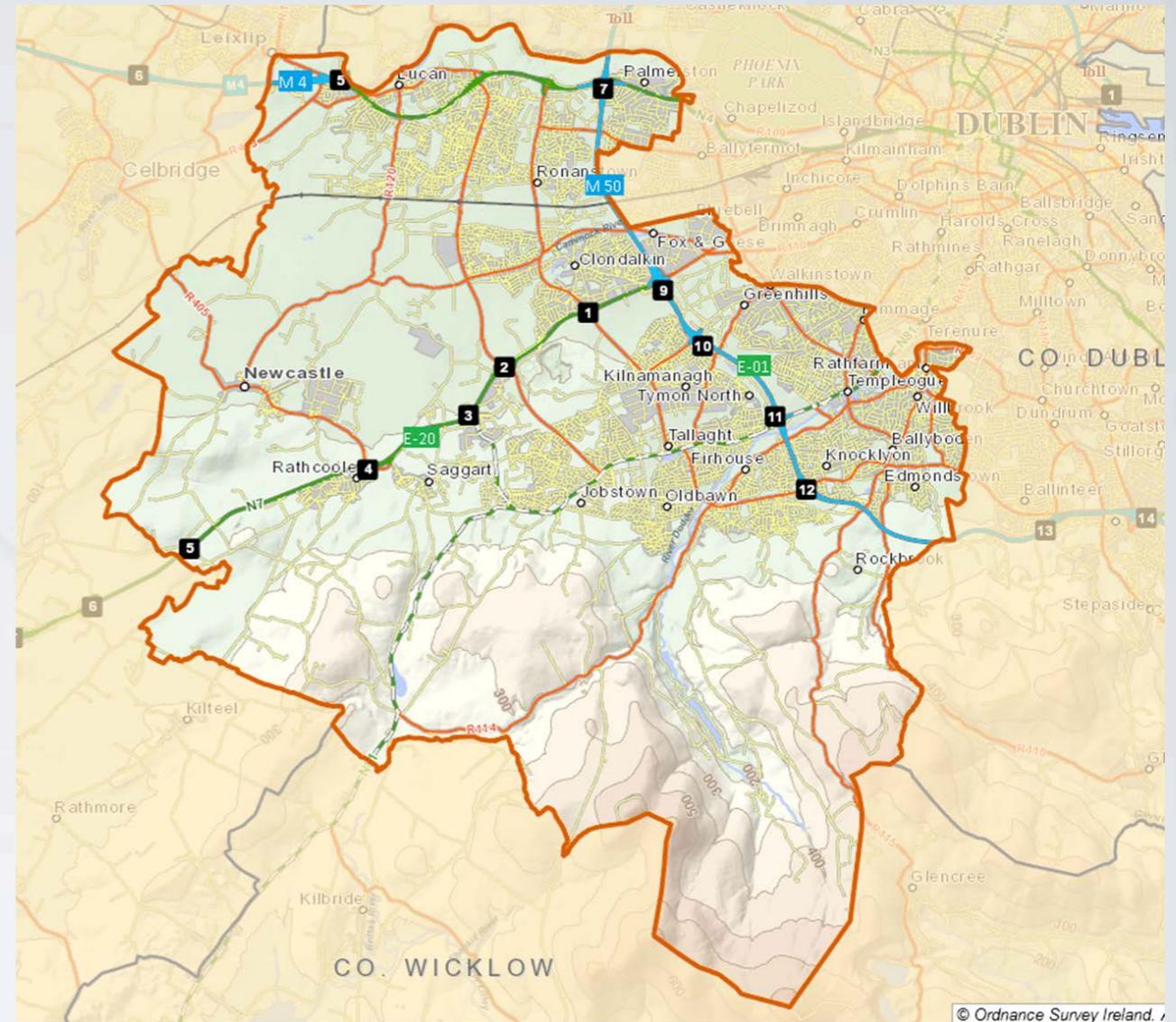
Rome, 4 December 2014

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Land Use, Planning and  
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# Introduction

- 263,700 population (city, 1.2m)
- 222 km<sup>2</sup>
- Between the regions and the city including the countries main port

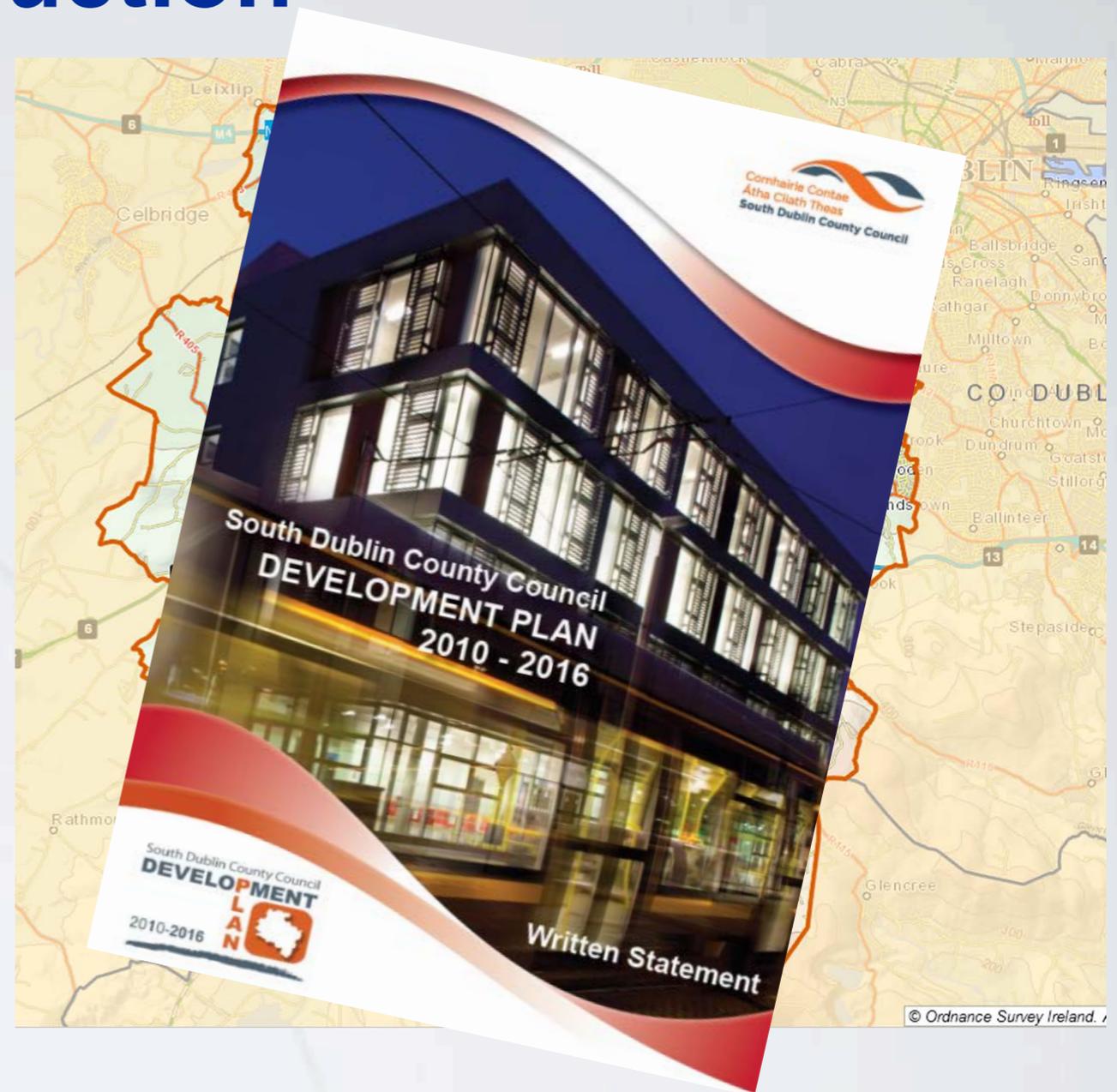


  
Comhairle Contae  
Átha Cliath Theas  
South Dublin County Council

  
RITS-net  
Regions for Intelligent Transport Solutions

# Introduction

- Population growth
- Sustainable development



# Introduction



Secure intelligent lighting

ITS VMS

Cycle way

Bus Priority Lane

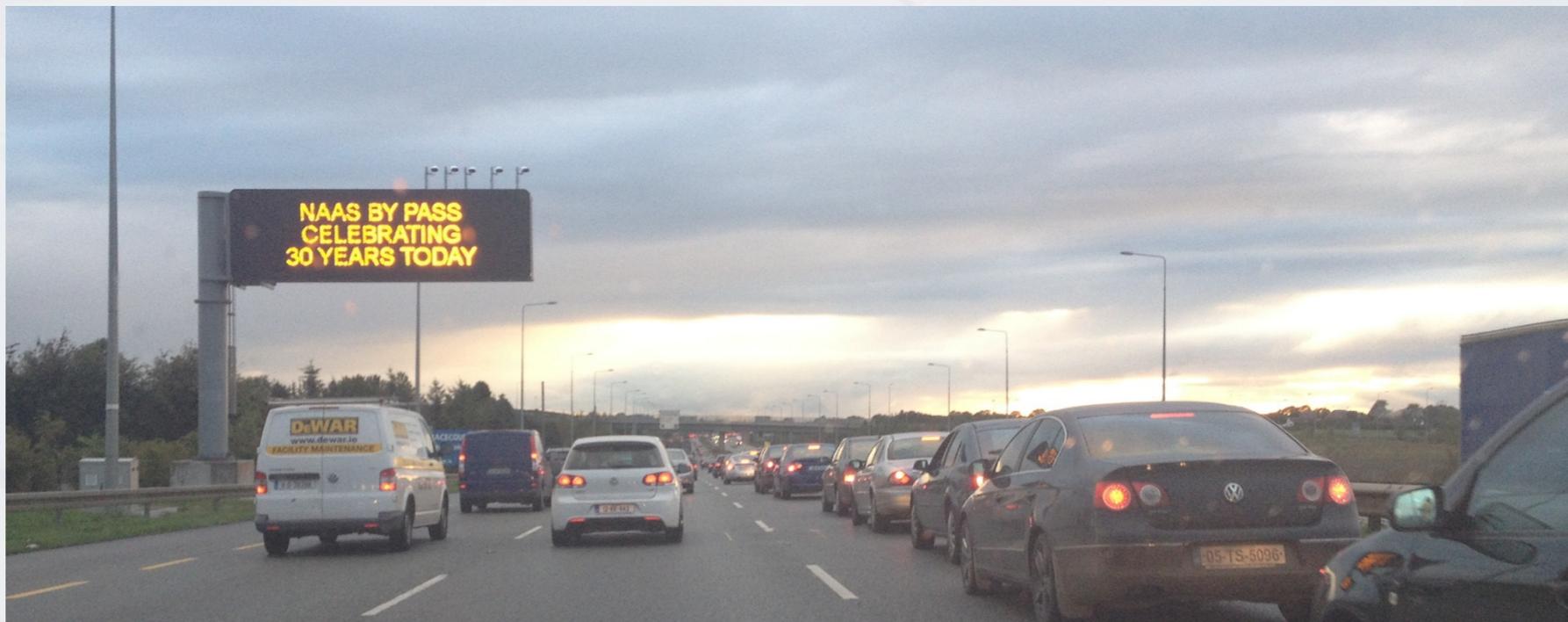
Fibre optic  
Duct



# Transport challenges

Pre 2010

- Significant improvement in major road and rail approaching city
- City policy on sustainable transport mode with in the city
- Economic downturn since 2007 – reduction in employment and goods on road network.



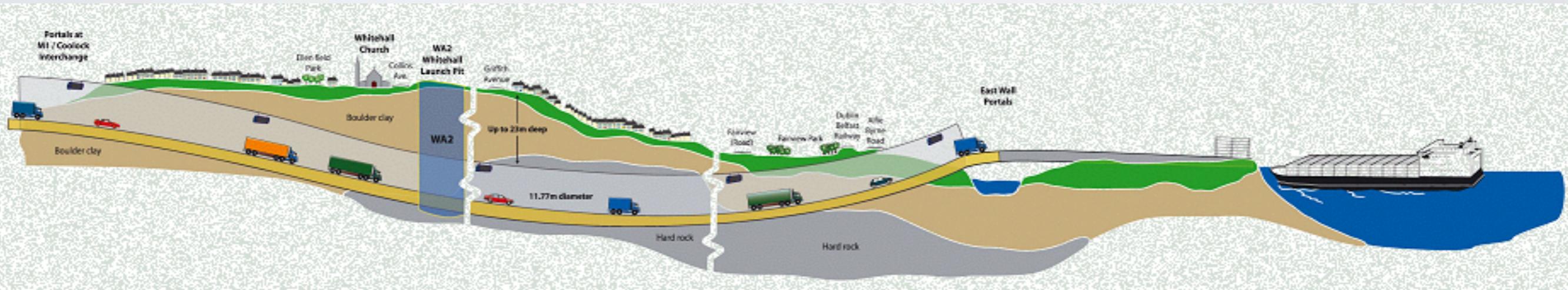
# Transport challenges

2010 – 2013

Minor congestion on road network

Successful HGV policy in city (HGV cordon, tunnel for port traffic)

City bicycle scheme and large 30km/h zone



# Transport challenges

2014

- GDP + 6.5% (Q2 2013 to Q2 2014)  
[www.cso.ie](http://www.cso.ie)
- Employment +1.3% Last three months (Q3 2014)
- New car sales +6.7% Last 12 months (October 2014)

M50 City orbital motorway design horizon 2023 – now congested each peak morning and evening



# Transport Priority Measures

Congestion management – Demand management

- Modal Shift (Policy, supported by ITS)
- Variable Speed Limits (dependent on ITS)
- Financial (user charging, dependent on ITS)



# Main ITS applications in Use



*Traffic management centre (SDCC)*  
*EETS (NRA)*  
*RTPI and Journey planner (NTA)*



# ITS for future implementation

Develop traffic management centre

Regional interaction other traffic centres

➤ City + surrounding authorities + Motorway + PT operators

Expanded corporate – communications with remote sites

Street lighting, water infrastructure and ITC for remote workforce

# Lessons Learnt

Subsidiarity or  
Fragementation?

Smart transportation  
managers require intelligent  
transportation systems. Not  
just at the higher levels but  
on the street too!

