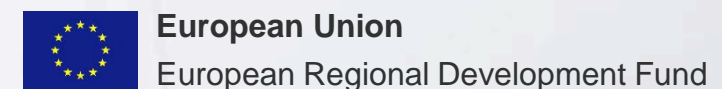


RITS-Net

Final Conference

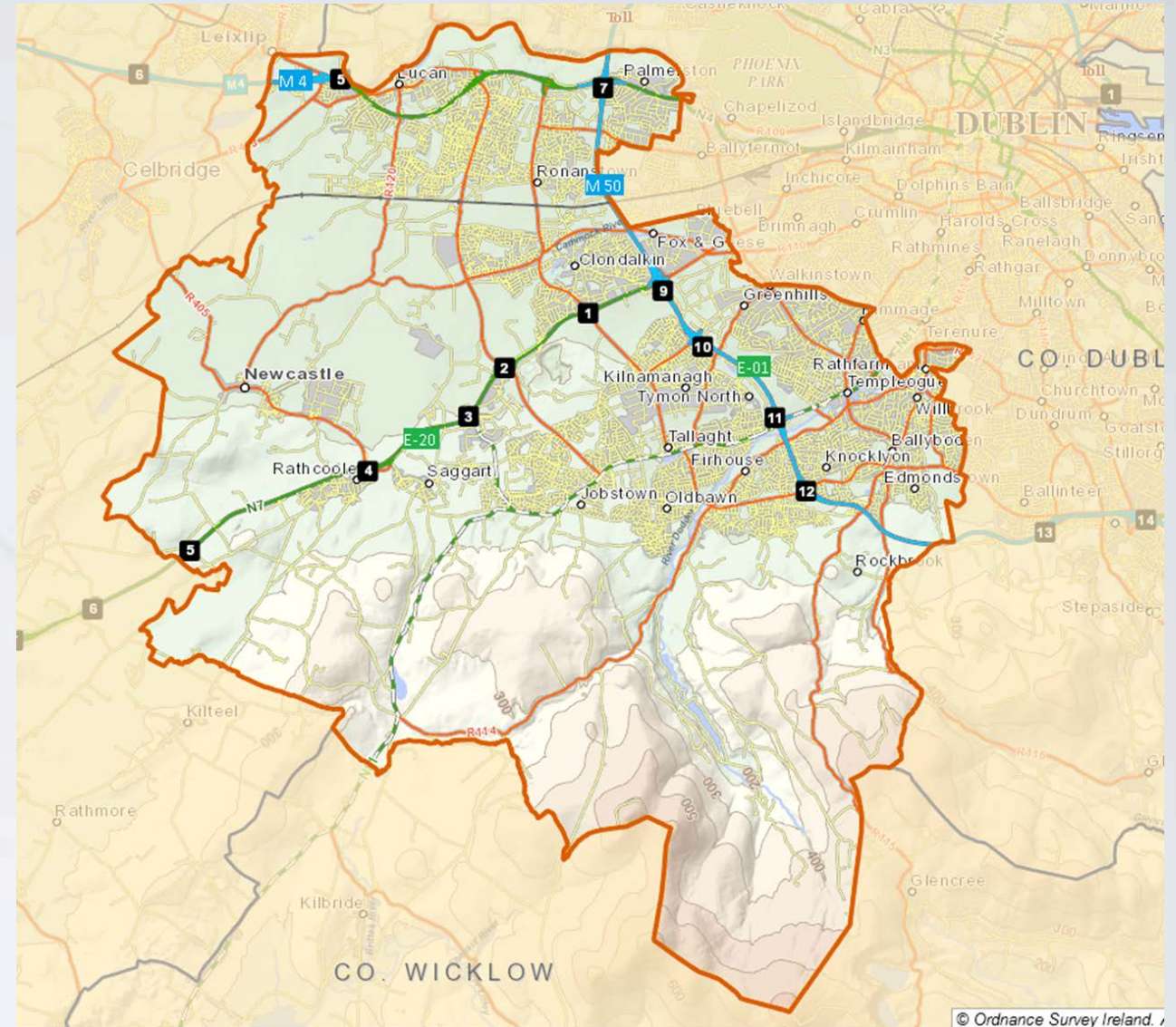
Rome, 4 December 2014

Andrew O'Mullane
Executive Engineer
Land Use, Planning and
Transportation



Introduction

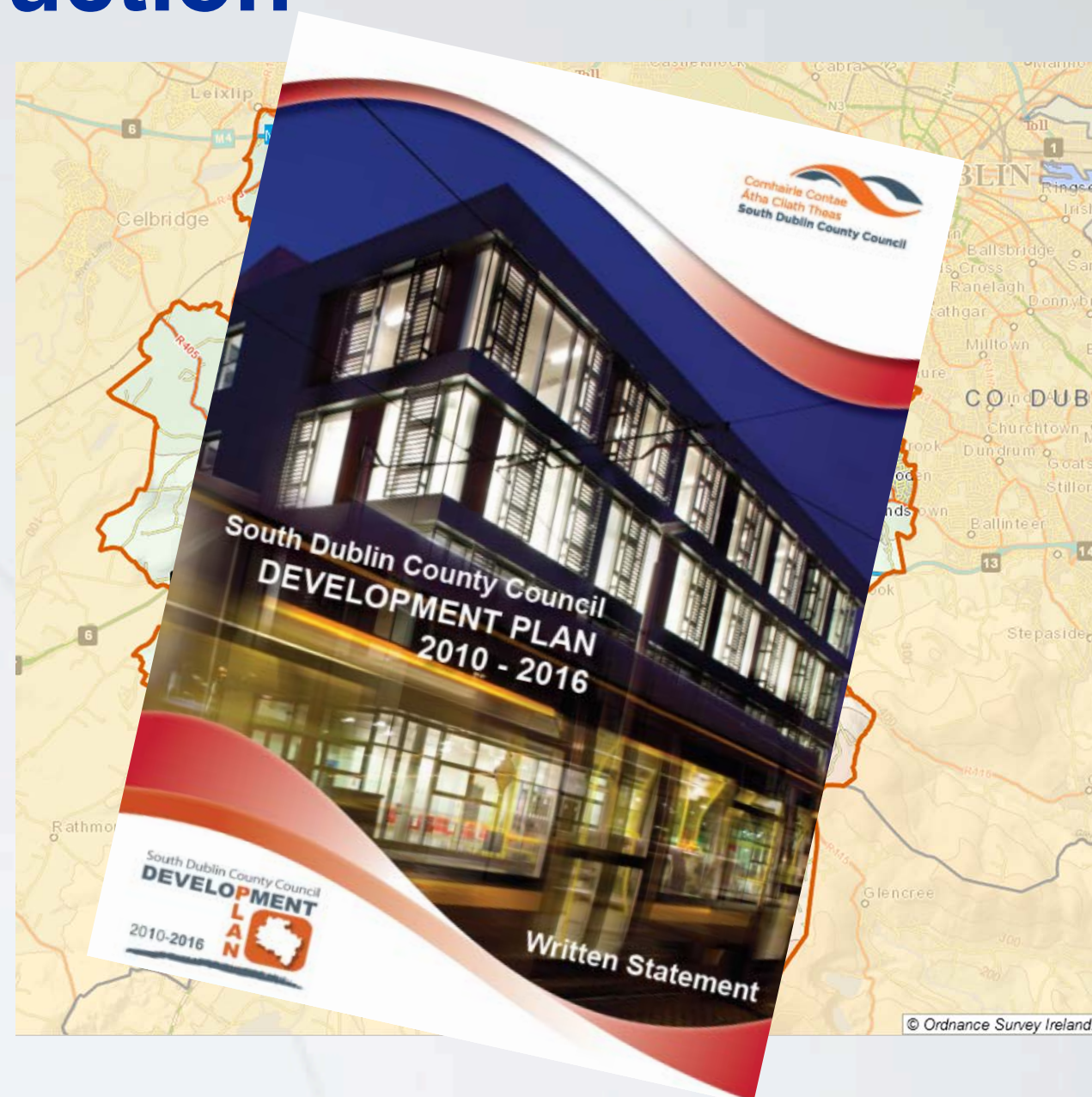
- 263,700 population (city, 1.2m)
- 222 km²
- Between the regions and the city including the countries main port




Comhairle Contae
Átha Cliath Theas
South Dublin County Council

Introduction

- Population growth
- Sustainable development




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South Dublin County Council

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.



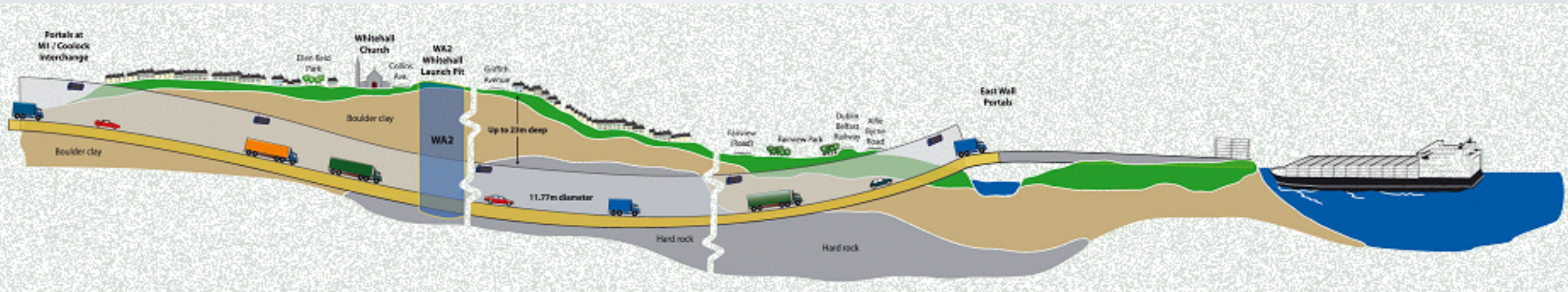
Transport challenges

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
- 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
Fragmentation?

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

