



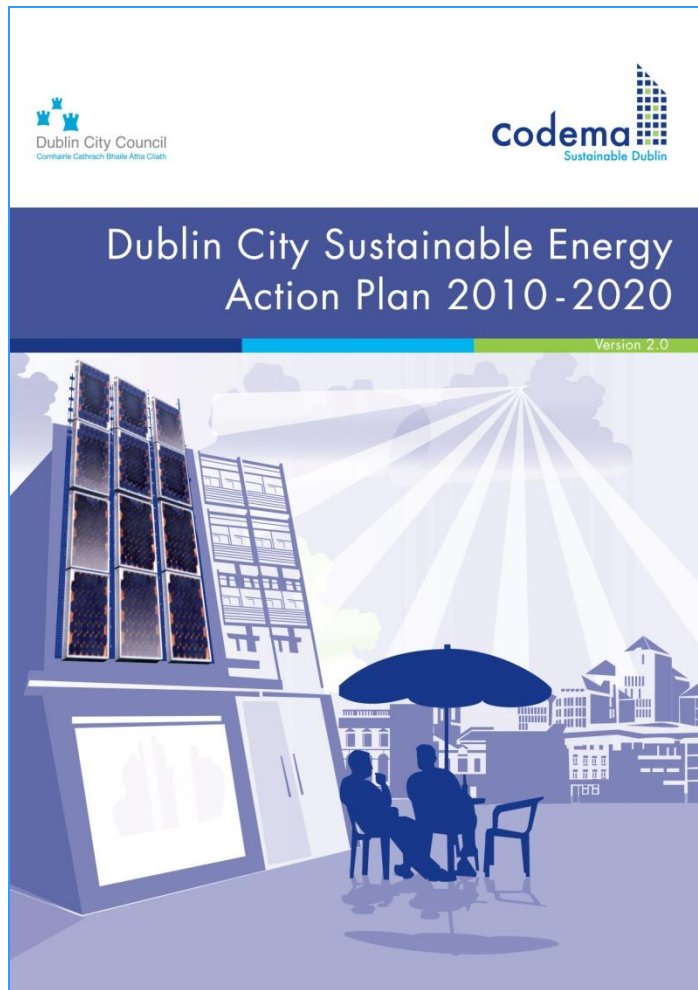
-Workshop-

Dublin Sustainable Energy Action Plan

Gerry Wardell
1th Oct. 2012



Sustainable Energy Action Plan



- Aim: to reduce carbon emissions by 20% by 2020
- Potential savings: €118m per year from 'low-hanging fruit' alone

The Covenant of Mayors



The Lord Mayor of Dublin Cllr. Eibhlin Byrne – Oct 2008

EU Covenant of Mayors



EU Covenant of Mayors Ceremony, Brussels, 4th May 2010

Why Bother?

Oil \$120 barrel - 2012



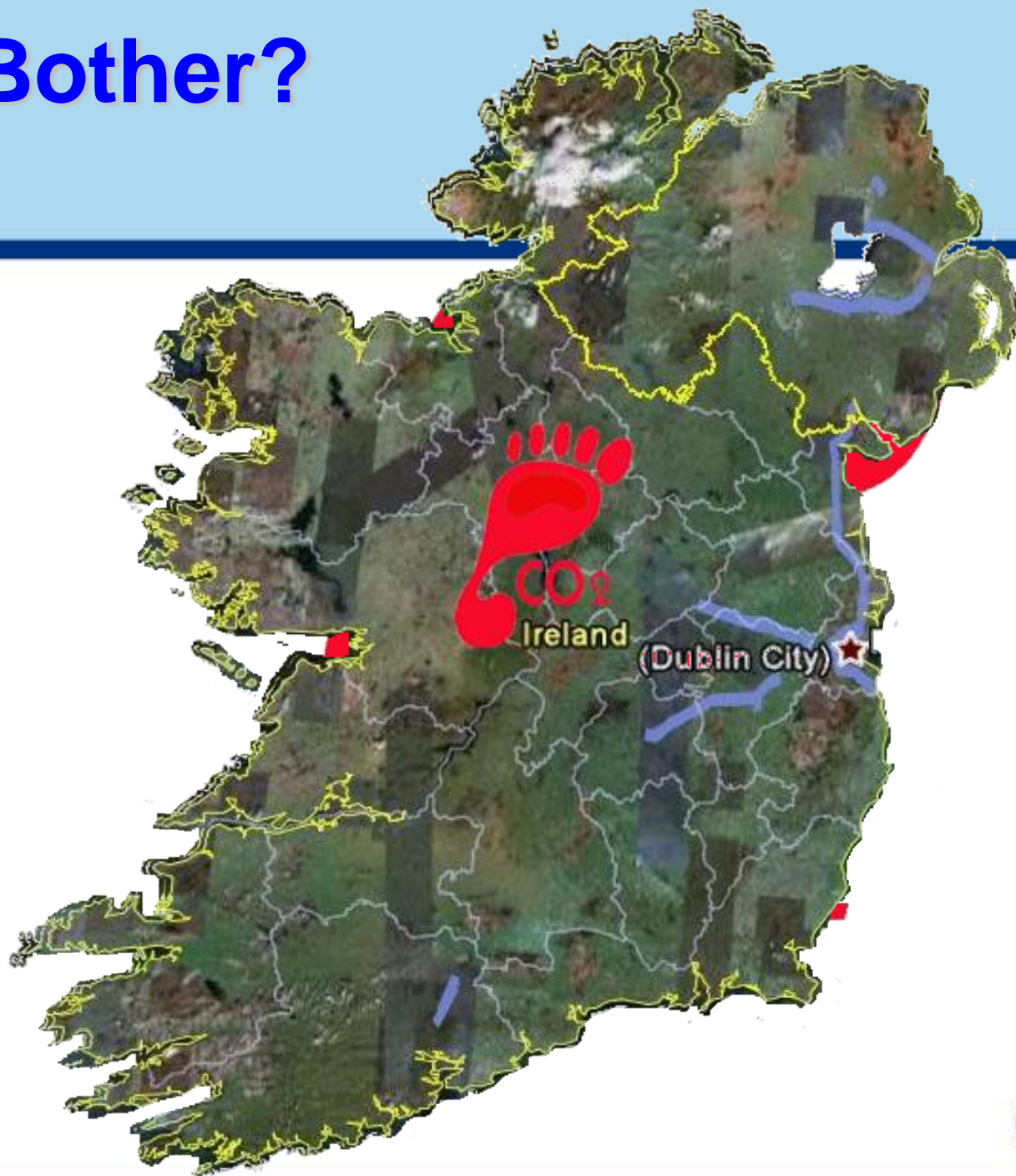
Oil \$30 barrel - 2004

Why Bother?

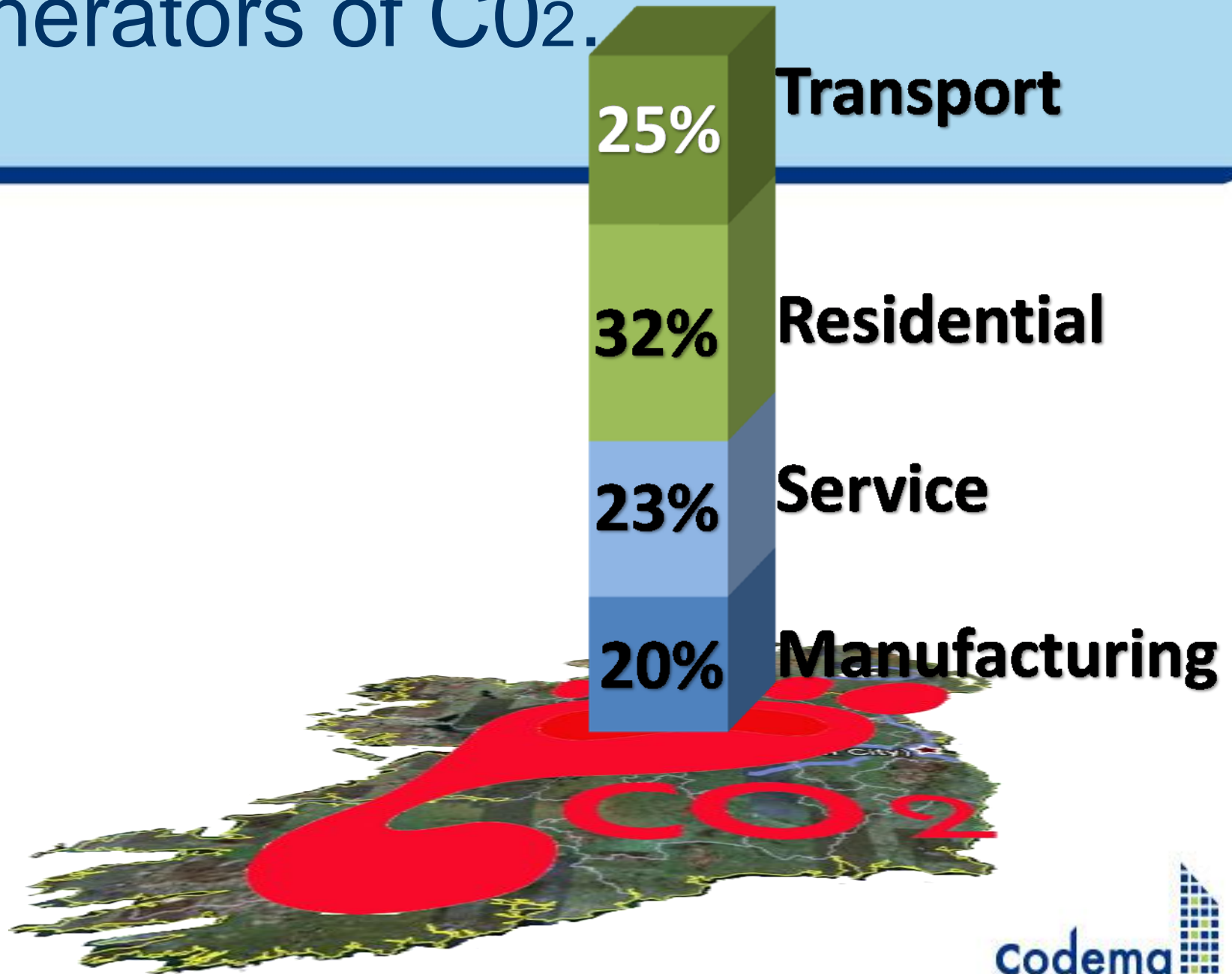


Human Wellbeing...

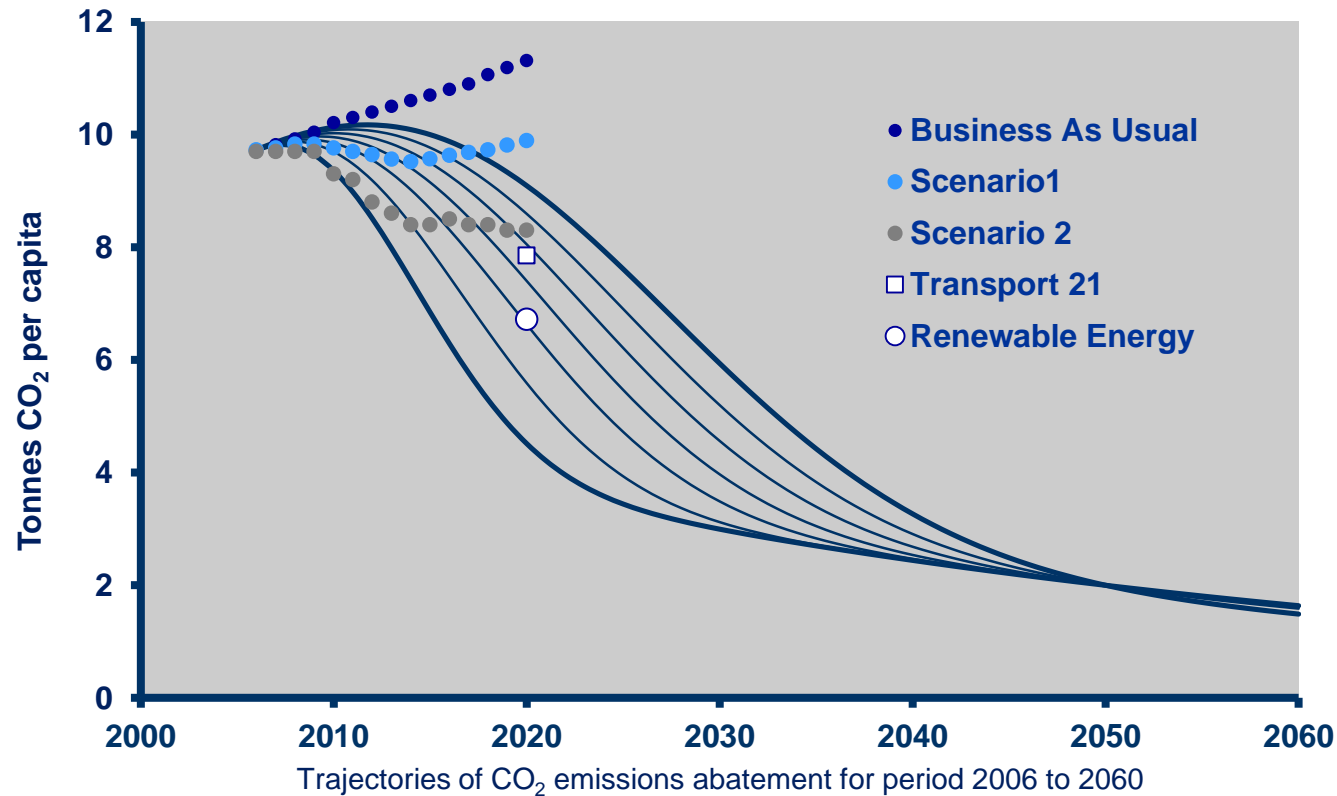
Why Bother?



Generators of CO₂.



Meeting the targets



Strategies for CO₂ Reduction...

1. Efficiency

2. Alternatives



1. Leading by Example– Minus 3%



Aim

Reduce DCC energy bill

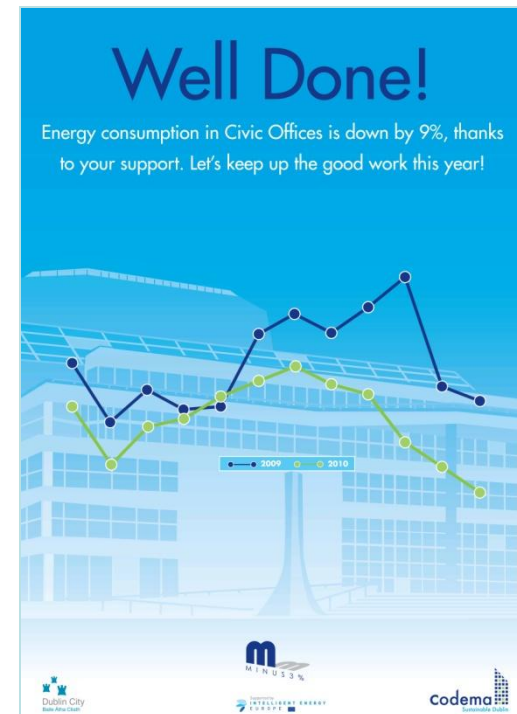
Dublin Budget €272k

Oct 2008 – Sept 2011



Minus 3% results

- 9% reduction in Civic Offices
- 5.9% overall saving (2011)
- Total saving for 2011
 - Energy saved: 13,000 MWh
 - Money saved: €790,000



2. Jobs – Greenov



Aim

Support SME jobs in
Green Renovation

Dublin Budget €564k
Jan 2010 – Dec 2014



4. End-user – Buildsmart



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Dominick St redevelopment

Dublin Budget €1.1m

Jan 2012 – Sept 2015



3. Research – Green eMotion



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Research framework for electric vehicles

Dublin Budget €135k
Oct 2008 – Sept 2011



5. Innovation – EPLACE



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Green Cities Network of
Real Living Labs

Dublin Budget c.€160k
2013– 2015



6. Renewable Energy – Ace



Aim

“the building blocks for our renewable energy future”

Dublin Budget €1.5m

Nov 2011 – Sept 2015





Together, We Can Reduce



The Footprint...

www.codema.ie

