



Opportunities and challenges for cities going low carbon

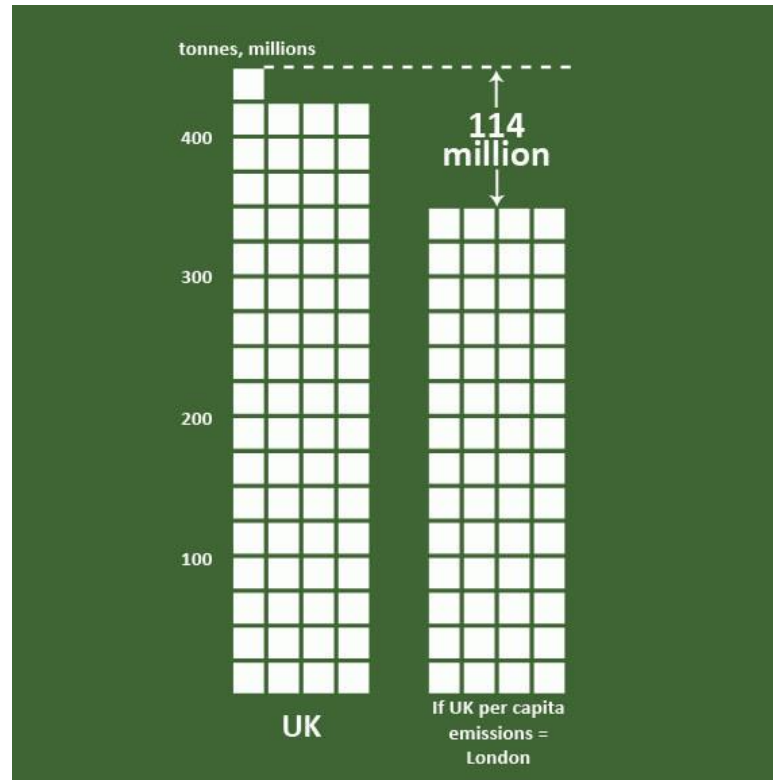
Edward Clarke March 12th 2014

@cities_ed



Why Cities?

- Emissions are 17% lower per capita in UK cities than the rest of the country





Why Cities?

Q: How can we gain most from the low carbon agenda?

- After years of failed national agendas...
- Cities are the best placed to drive change locally
- Move 'green growth' debate from why to **how**



City emitters

	Aberdeen	Dundee	Edinburgh	Glasgow	Scotland	United Kingdom
Co2 emissions (t/cap), 2012	7.3	6.2	6.5	6	6.7	7.1

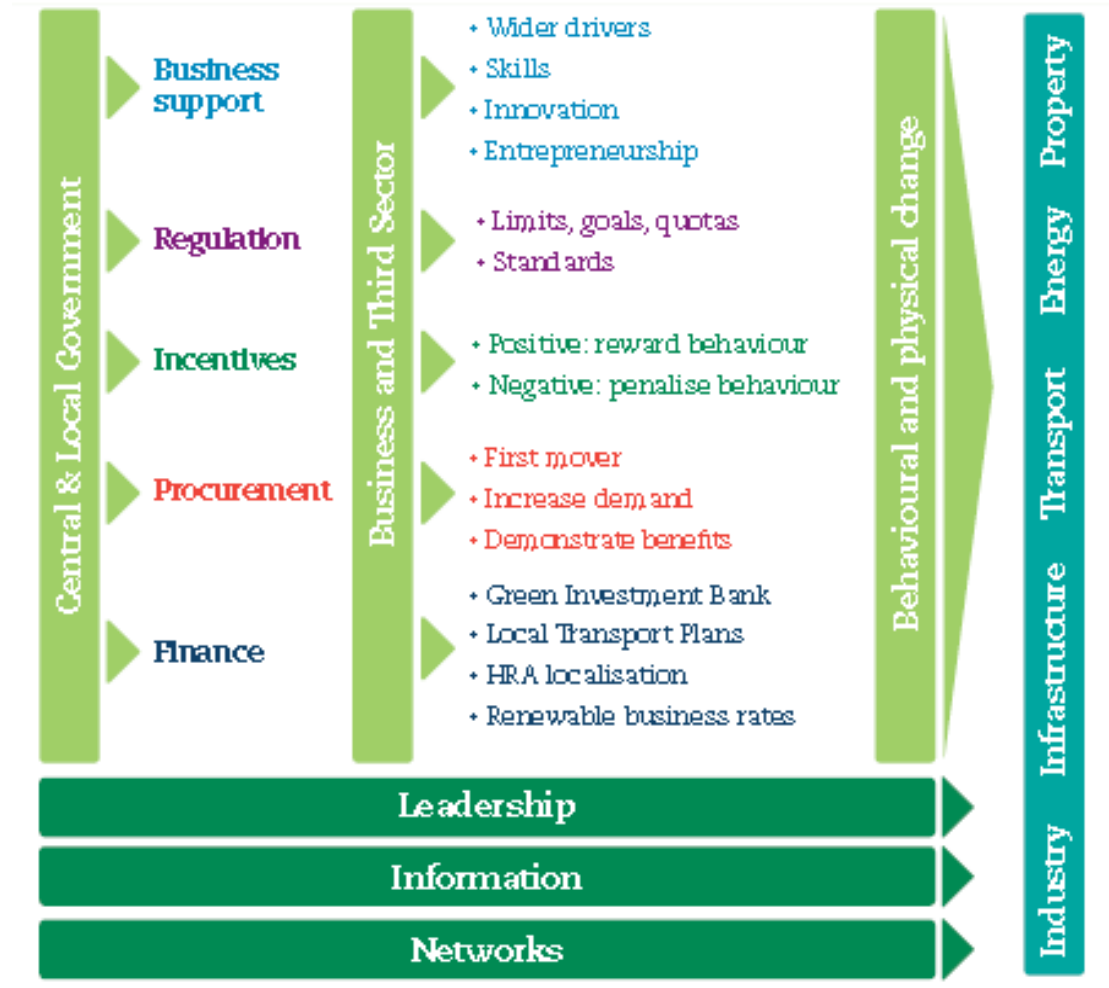
Source: DECC 2014



How can cities drive green growth?

- 3 Underlying principles
- 5 Ways of intervening
- Clear Practical Examples

Role for local government





Three Underlying Principles

Leadership

Drives
priorities, sets
example

Knowledge

Identifies key
emitters,
Benchmarking

Networks

Enhances
opportunities
and capabilities



Five types of interventions

Supporting Business

Regulation

Incentives

Procurement

Finance and Funding

Regulation

- Where is it happening?
 - New York, Greener Greater Building Plan
 - Liverpool, cutting red tape for infrastructure
- What works?
 - Targeted
 - Innovative
 - Long term and complementary
 - Supported
 - Flexible





Supporting Business

- Where is it happening?
 - South West, Green Business Networks
 - Belfast, Sustainable Energy Park

- What works?
 - Varied network
 - Effective dialogues
 - Target locally relevant benefits
 - Identify and address local issues



Low Carbon South West



Incentives

- Where is it happening?
 - Recycling Rewards
 - Carbon Trust and ‘Nudge’ programmes
- What works?
 - Targeted
 - Multi faceted
 - Backed by infrastructure
 - Scale





Procurement

- Where is it happening?
 - Birmingham, pooling purchases
 - Hamburg, roads as recycling ‘test-beds’
- What works?
 - Low Cost
 - Identify local innovators
 - Open new markets
 - Support for local firms
 - Act as first-movers



Finance and Funding

- Where is it happening?
 - Manchester etc, Co-operatives
 - London, Co-Investment
- What works?
 - Assistance and facilities for co-ops
 - Focus on specific local issues
 - Match different risk and financial needs and resources between public and private partners.





Challenges

- Cities are limited by national policies
- Councils have stretched resources
- Long term strategy beyond political cycles
- Minimising extra burdens on businesses

- **Cities need to go low carbon, but...**

This brings economic opportunities



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Thanks for your time

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