



Low  
Carbon  
Hub

# **SUPERCHARGING THE LOW CARBON ECONOMY**

# Global low carbon economy

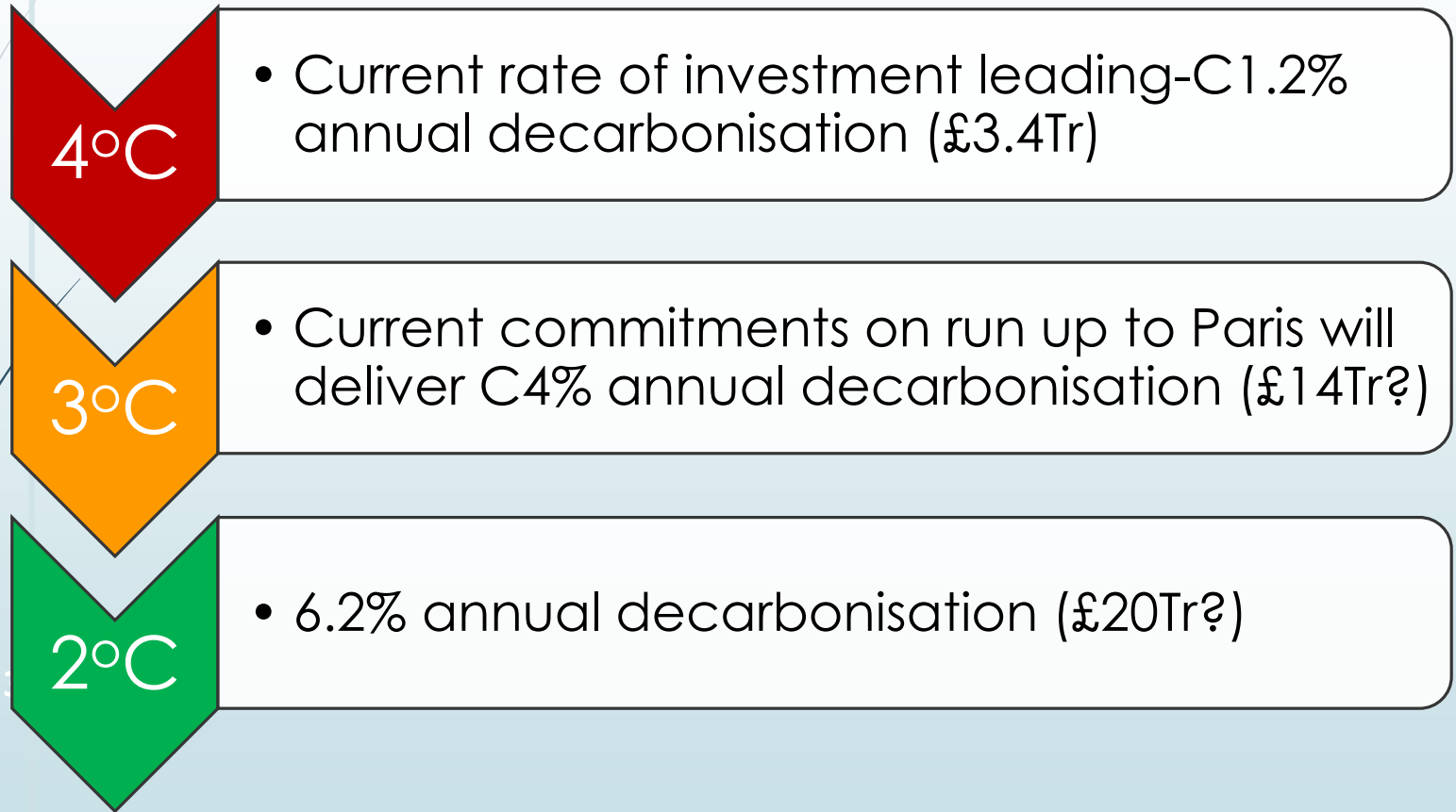
## Total Sales 2011/12 - £3.4 trillion

Country	Sales £m	Rank	% Global sales	% sales increase 10/11-11/12
USA	660,760	1	19.2	2.5
China	444,324	2	12.9	2.1
Japan	213,295	3	6.2	3.9
India	210,815	4	6.1	2.9
Germany	145,267	5	4.2	3.5
<b>UK</b>	<b>128,141</b>	<b>6</b>	<b>3.7</b>	<b>4.8</b>

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# To achieve 2oC?

## PWC Low Carbon Economy Index 2014



# UK

**460,0000  
(3.8%)**

**45%-21%**

**£122Bn  
(7.6%)**

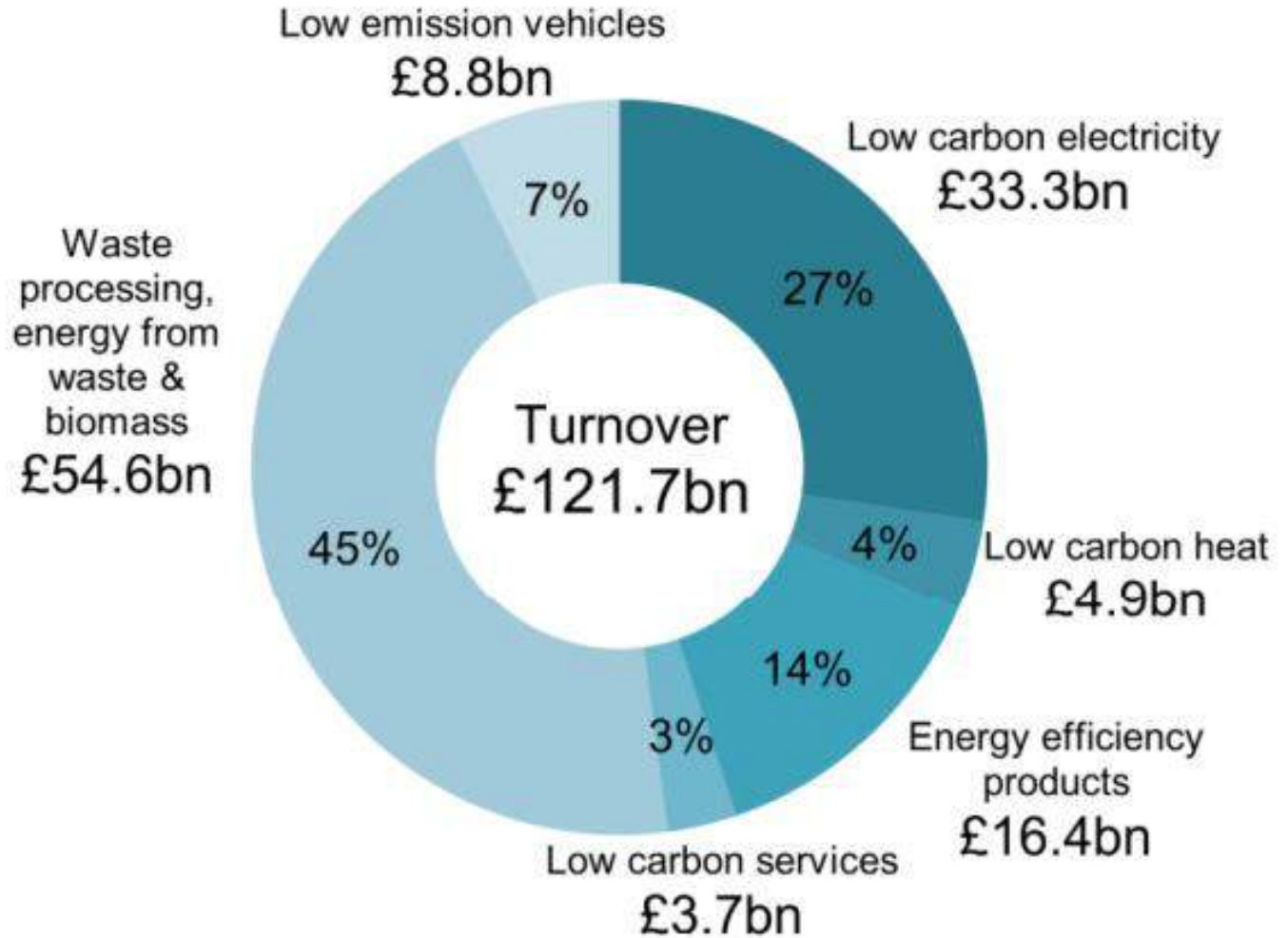
**92%**

**£26Bn  
(8.7%)**

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<https://www.gov.uk/government/publications/low-carbon-economy-size-and-performance>

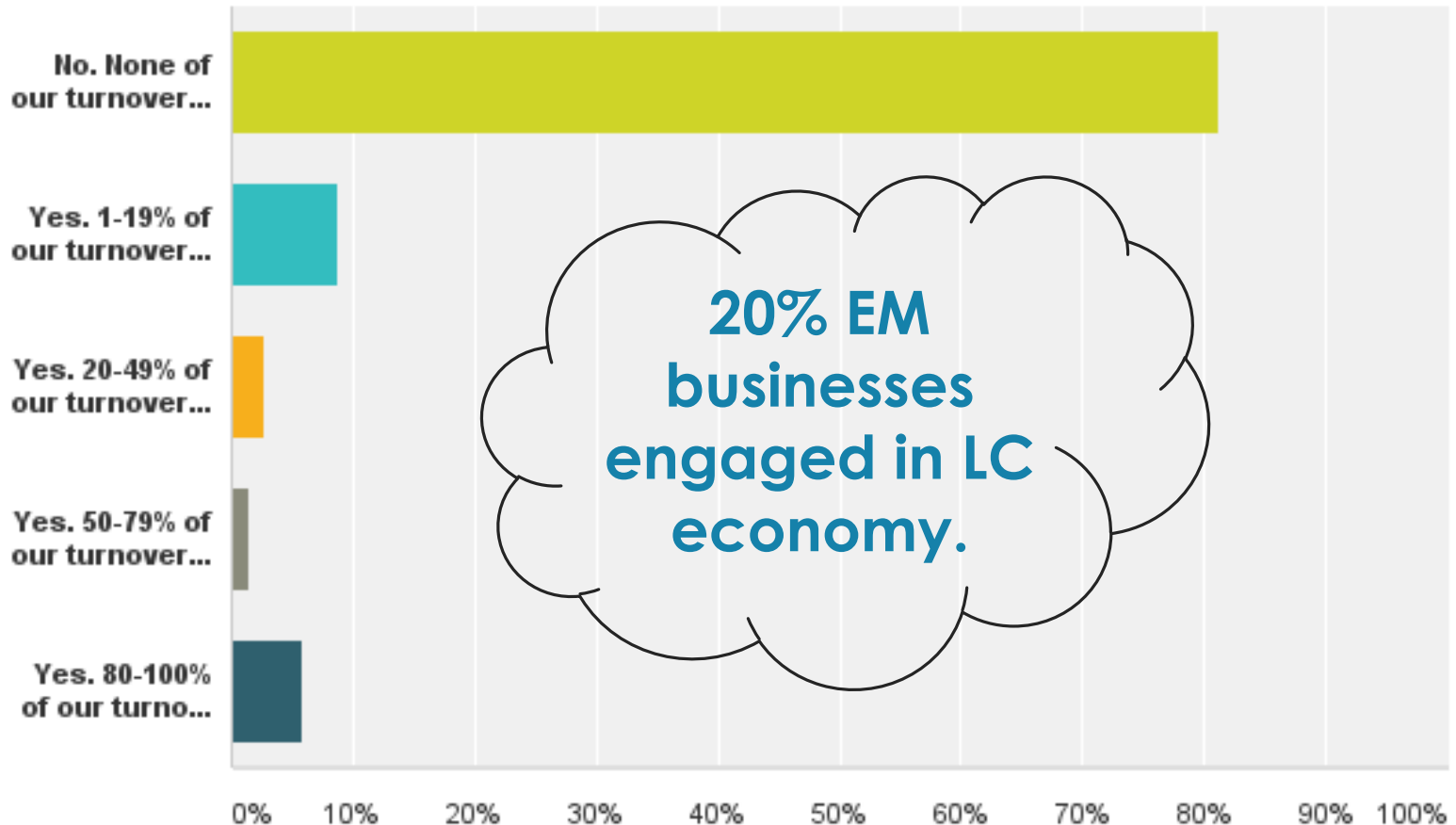
# UK



# EM

## Q34 The number of businesses supplying low carbon goods and services (LCEGS) in our region is growing. Are you one of these LCEGS businesses?

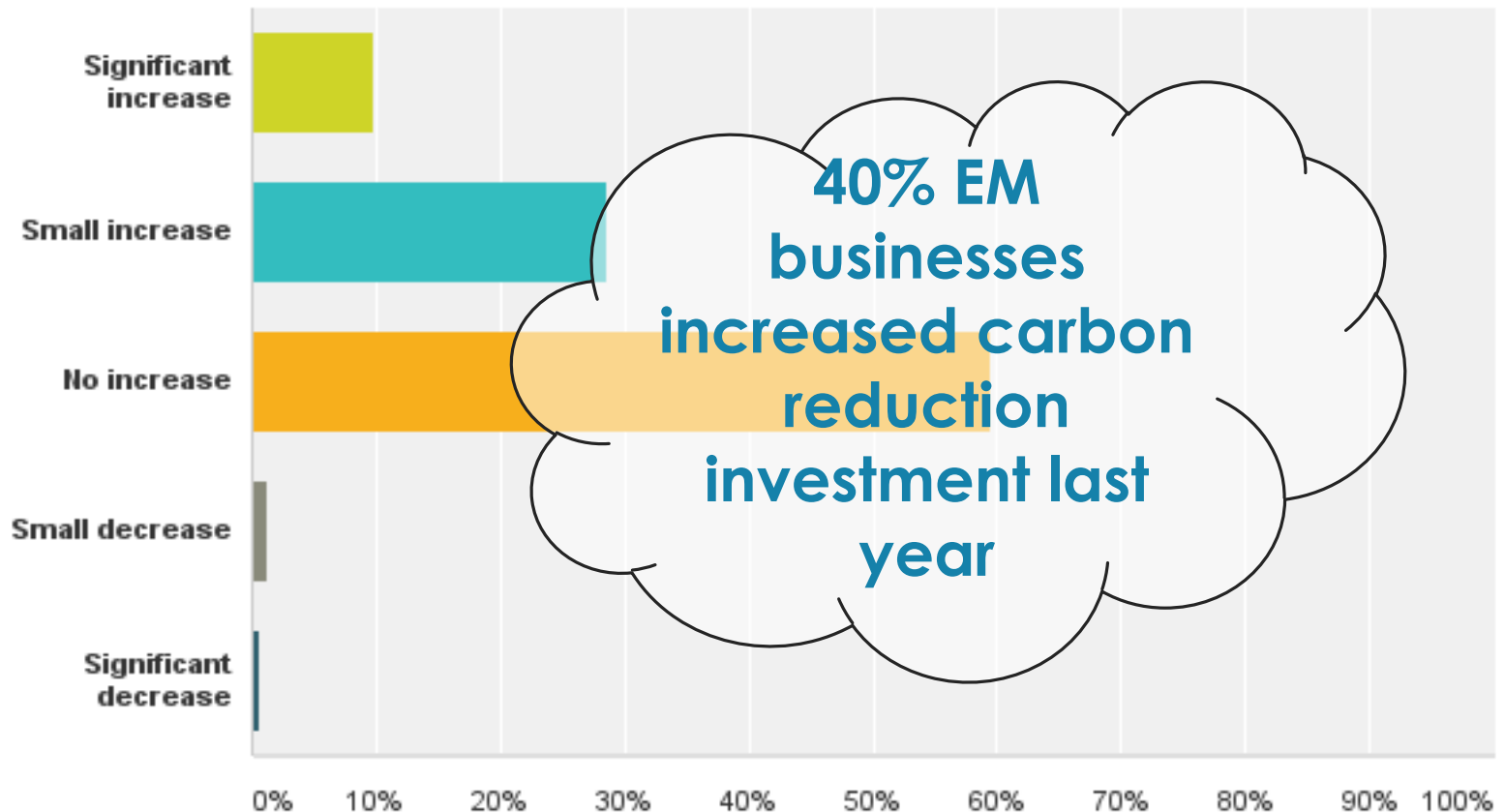
Answered: 288 Skipped: 54



# EM

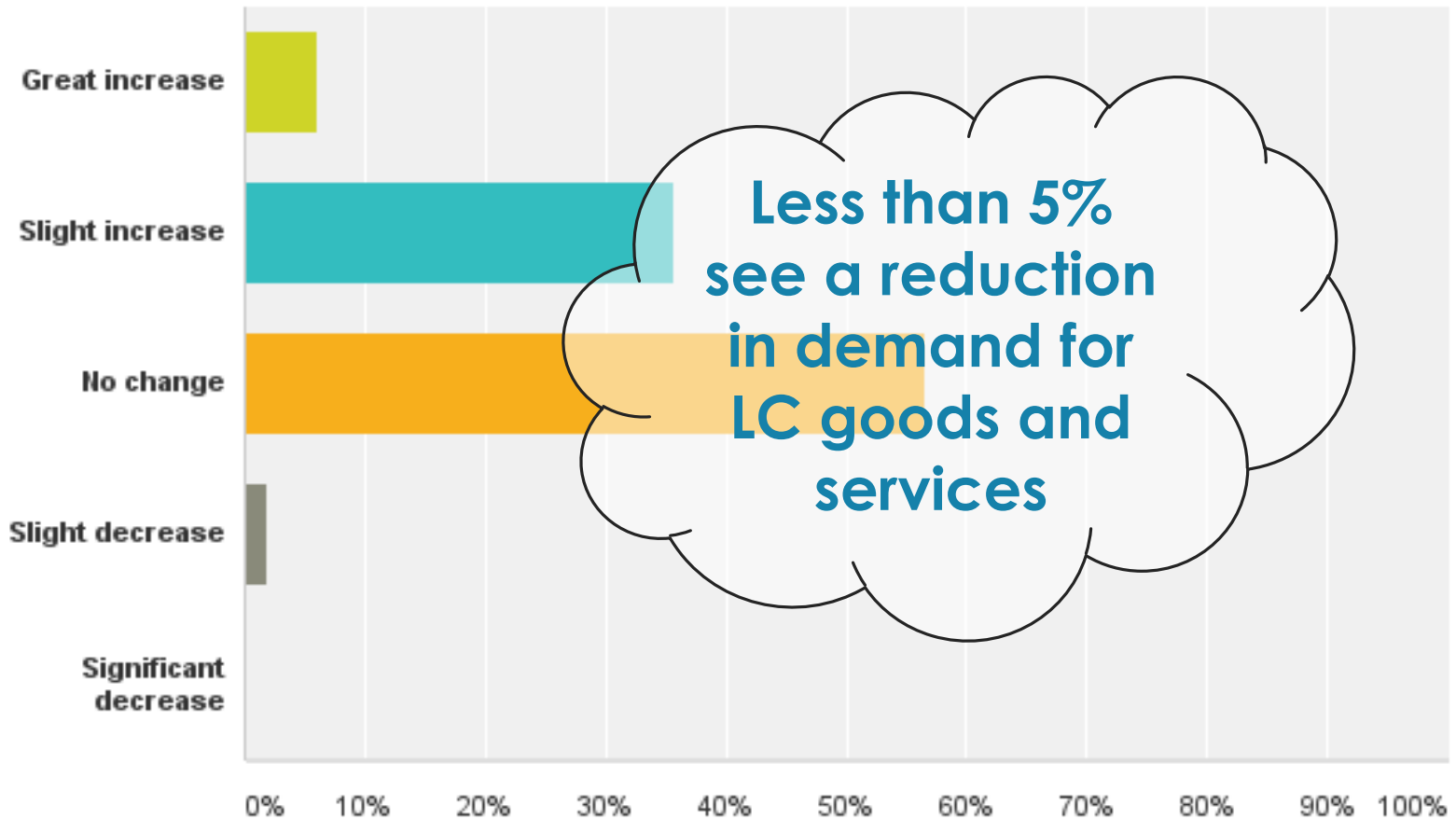
**Q33 To what extent has your business invested (time and/or money) in improving resource efficiency in order to reduce your carbon footprint or greenhouse gas emissions this year compared to last.**

Answered: 304 Skipped: 38



# Q35 What changes do you anticipate will happen to customer demand for Low Carbon Goods and Services over the coming year?

Answered: 278 Skipped: 64





# What low carbon economy?

## Sustainable products and services demanded



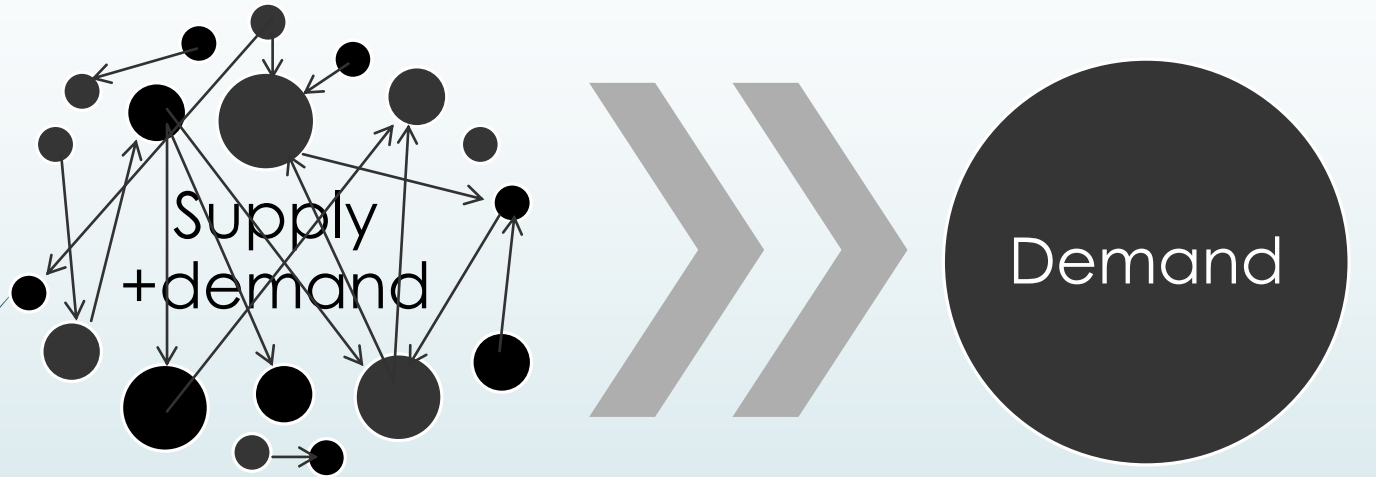
Innovative low  
carbon products  
+ services

Sustainable  
Procurement

Increased local innovation in low carbon goods and services

# What low carbon economy?

**Sustainable *suppliers* demanded - Investors in the Environment, Carbon Trust Standard , ISO14001 Etc.**



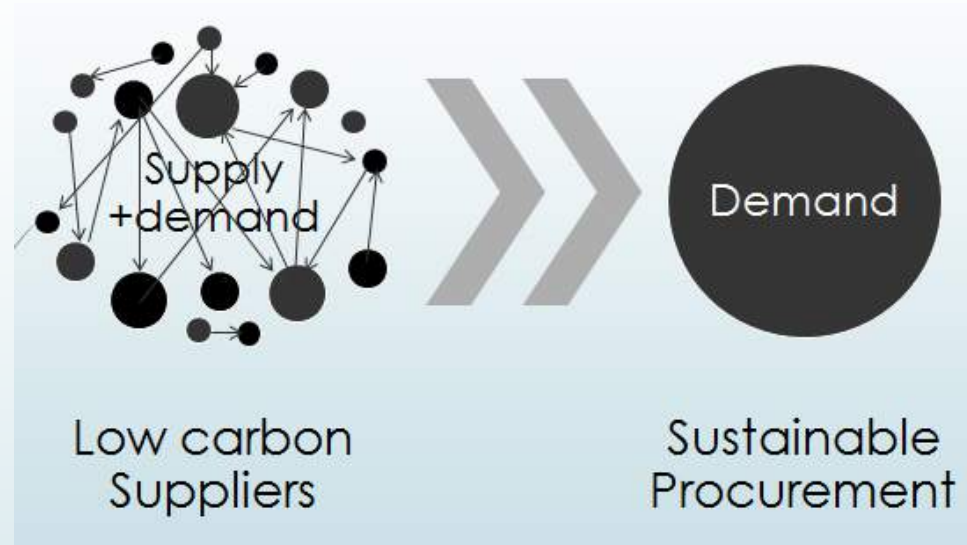
Low carbon  
Suppliers

Sustainable  
Procurement

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**Increased innovation and cross sector B2B demand for low carbon goods and services**

# Low Carbon Hub Launched.



- B2B interaction, networking
- Procurer-supply chain engagement
- Supporting demand growth
- Reducing barriers to local development of sustainable products, services and suppliers
- Ensuring sector representation and voice
- Connecting business to funded support
- Expert, plain English **industry led** contact point



**D2N2** | **GROWTH  
HUB**



Low  
Carbon  
Hub



**INVESTORS  
IN THE  
ENVIRONMENT**

Setting the standard for the environment in  
Nottinghamshire & Derbyshire



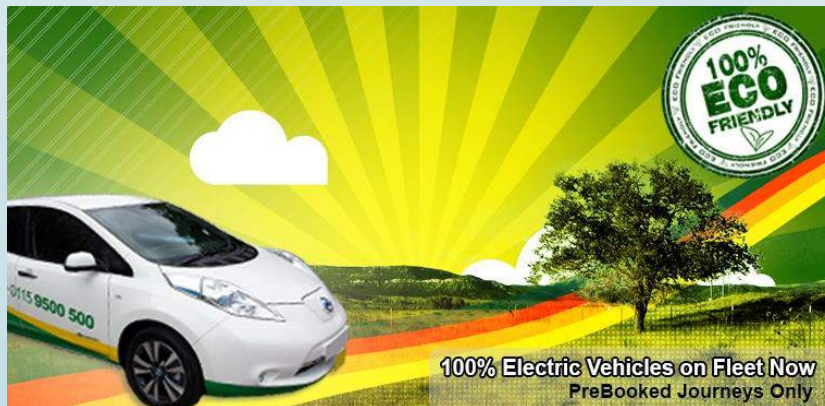
**INNTROPY**



**CleanTech  
Business**

# Derby university student collaboration

- 8 Derbyshire + Notts businesses, inc YHA, DG cars
- Derby Students taught by LCH team how to put in place an environmental management system.
- Students worked with business to support EMS implementation, to help meet procurement expectations.
- DG, YHA + others join Investors in the Environment network committing to invest in reducing emissions year on year.
- LCH connected DG with a University team working on smart cities. DG offered live GPS data from 700 vehicles to improve urban traffic flow monitoring.





# Summary

- ▶ UK is a global low carbon growth leader
- ▶ Sector is an engine for growth regionally and nationally
- ▶ SME led, highly exporting, highly productive, high growth
- ▶ But vulnerable to inconsistent Govt policy and incentives
- ▶ High expectations in sustainable procurement (particularly public sector)- product, service **and suppliers** can and are driving innovation and B2B demand.
- ▶ Consistent, independent, joined up support for low carbon growth across Derbyshire and Notts. now exists

[www.lowcarbonhub.co.uk](http://www.lowcarbonhub.co.uk)



Thank you

**Jerome Baddley CEnv, MIEMA**

*CEO NetPositive Ltd  
EMCC Sustainability Forum Chair  
D2N2 Low Carbon Sector Chair*

[Jerome@netpositive.org.uk](mailto:Jerome@netpositive.org.uk)  
[www.lowcarbonhub.co.uk](http://www.lowcarbonhub.co.uk)