

# **An Energy Strategy for Derbyshire**

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# An Energy Strategy for Derbyshire?

The energy sector is changing. Derbyshire needs to respond to these changes:

- Feedback on draft Energy Strategy
- Discussion of priorities
- Agreement on the way forward for Derbyshire



# The Energy Trilemma

- Security
- Affordability
- Decarbonisation



# Energy Security

- <50% gas from UK production
- ~25% electricity generated by gas-powered power stations
- 29% energy is from renewables
- 20% energy is from nuclear
- 1/5 of power stations due to close



**So, where is our power going to come from ?**

# Energy Affordability



**How do we make  
energy  
affordable?**

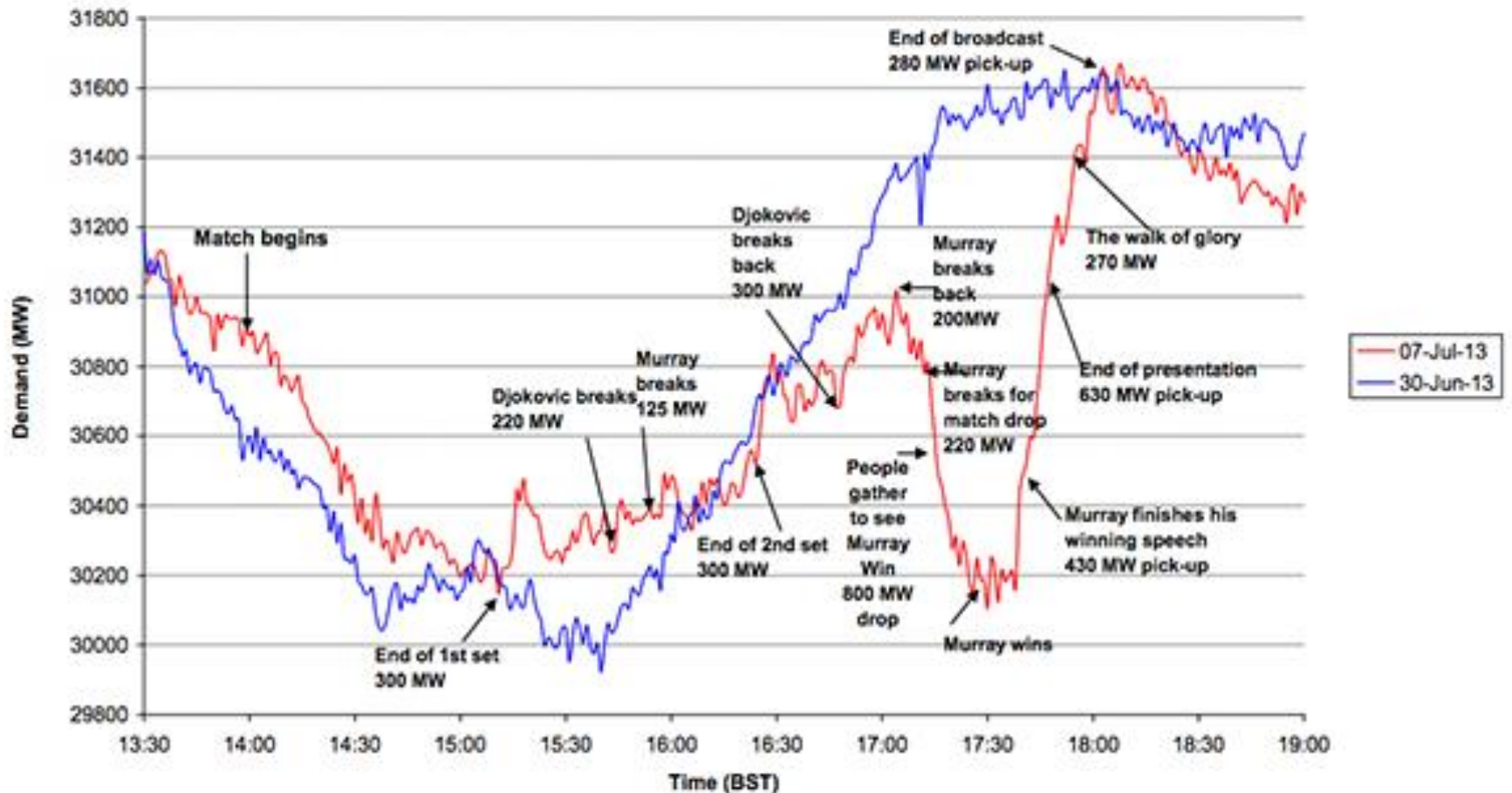
- Energy prices have doubled since 2005
- 11.6% of households in fuel poverty
- ~1/5 households are 'off-gas'
- DCC energy costs are increasing despite a 36% reduction in energy use
- Energy affordability for business





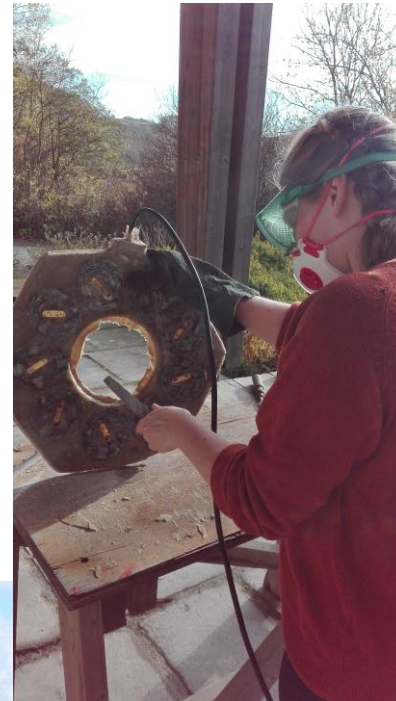
# Climate Change

# Energy supply, demand & distribution



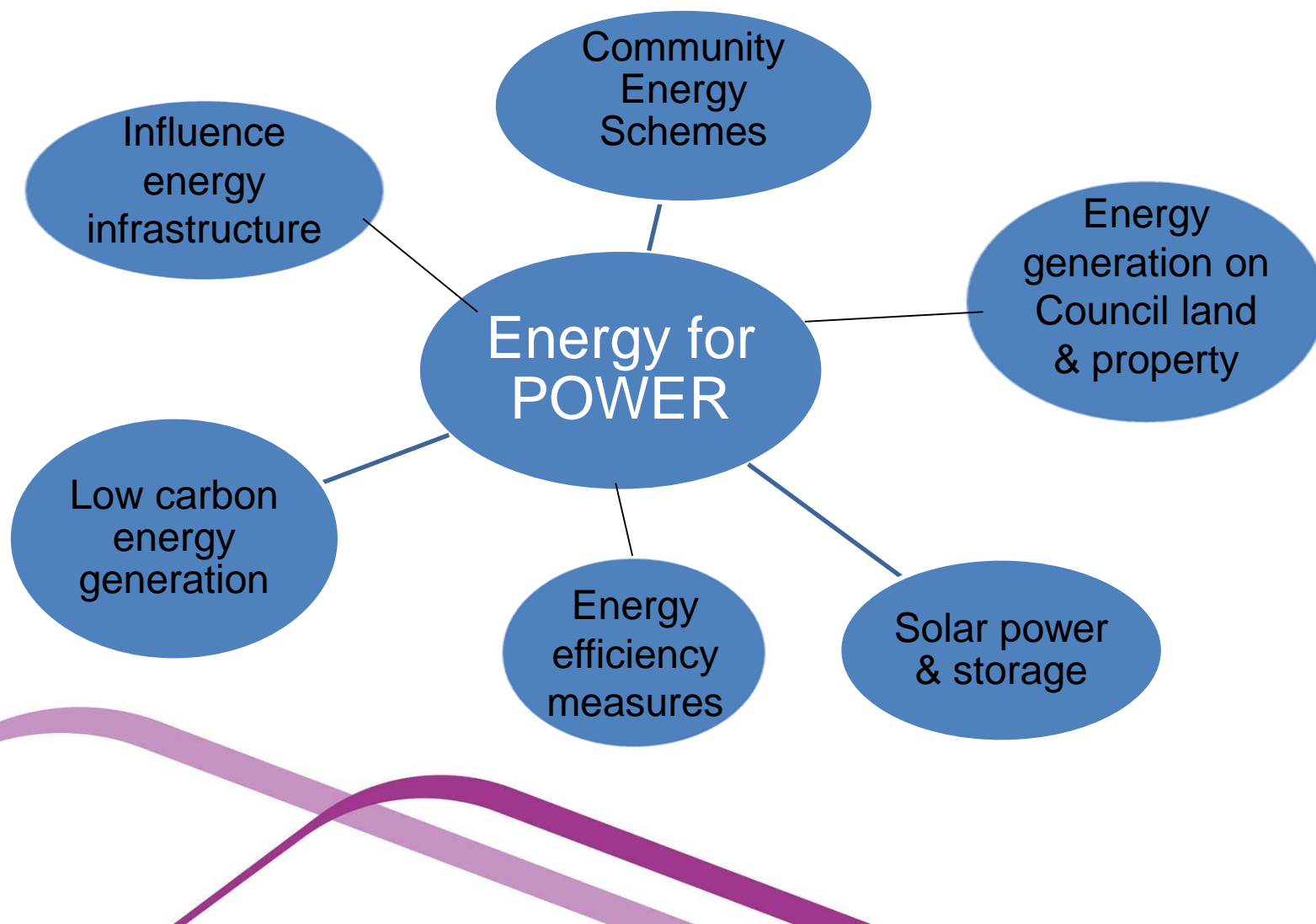
# Energy supply, demand & distribution

- Reduce demand
- Renewable Energy
- Flatten peak
- Battery storage
- Decentralise

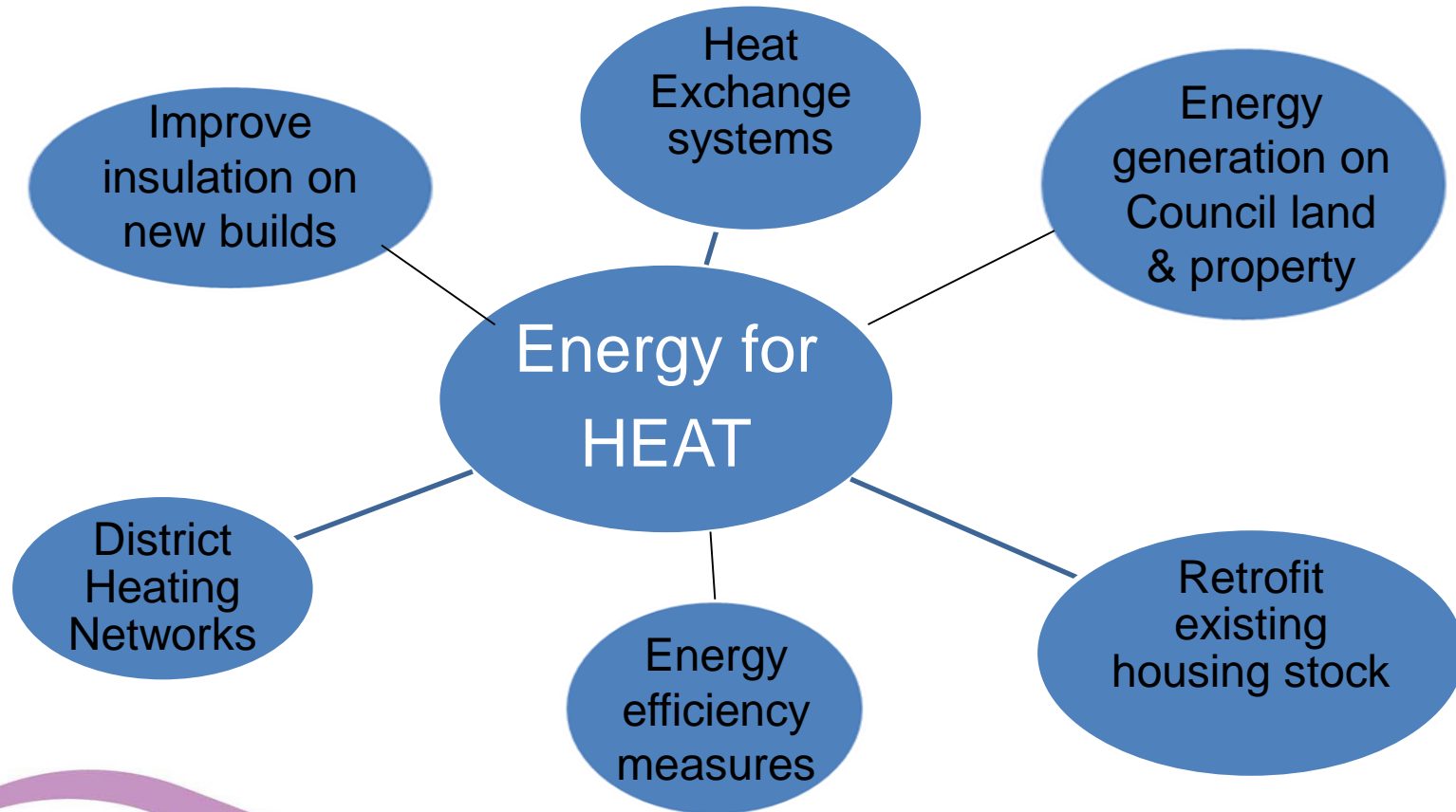




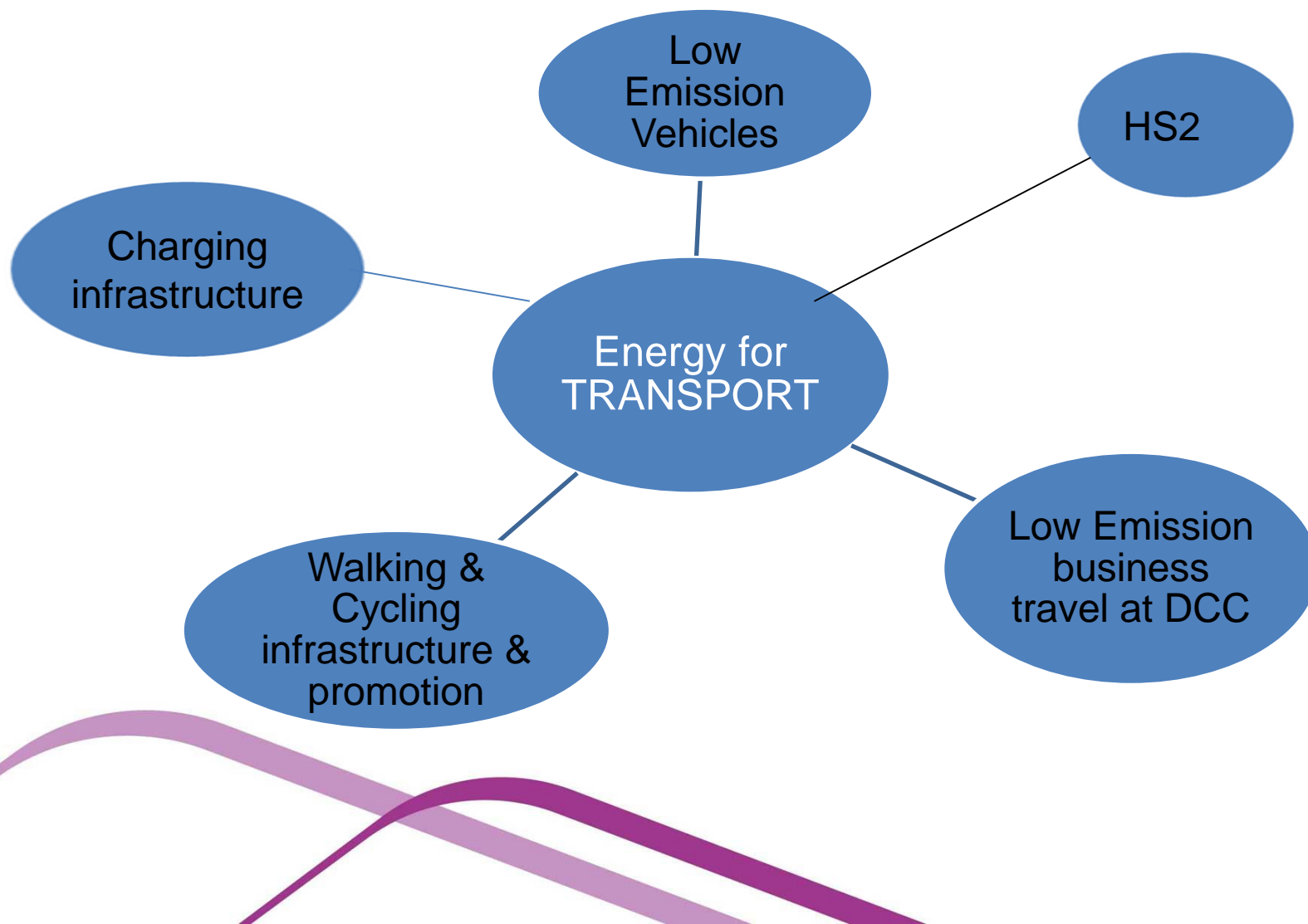
# What can Derbyshire County Council do?



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# Derbyshire Energy Strategy

