

# Our Resilient Future: A Climate and Energy Security Framework for Bristol

Presented at BGCP Quarterly  
Gathering 23<sup>rd</sup> February 2016 by  
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# Our Journey so far

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2004: Bristol's first Climate and Sustainable Energy Strategy

2009: Unanimous Full Council adoption of targets from 2005:

- CO<sub>2</sub> by 40% by 2020 & 80% by 2050.

- Energy by 30% by 2020

2010: Climate Change & Energy Security Framework

2015/6: Refresh: Our Resilient Future:

A Framework for Climate and Energy Security

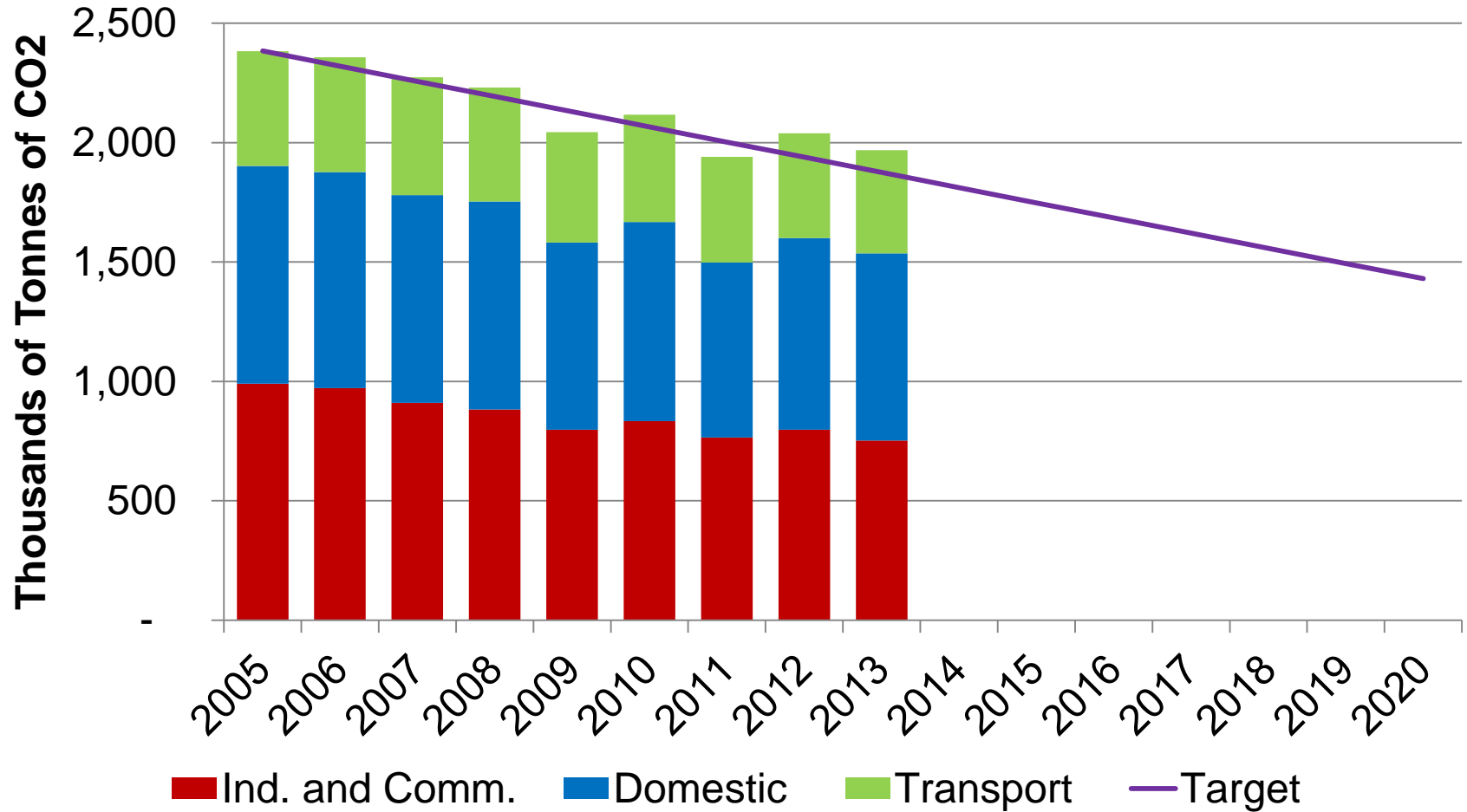
*Proposed new goal:*

2015: Carbon Neutral by 2050

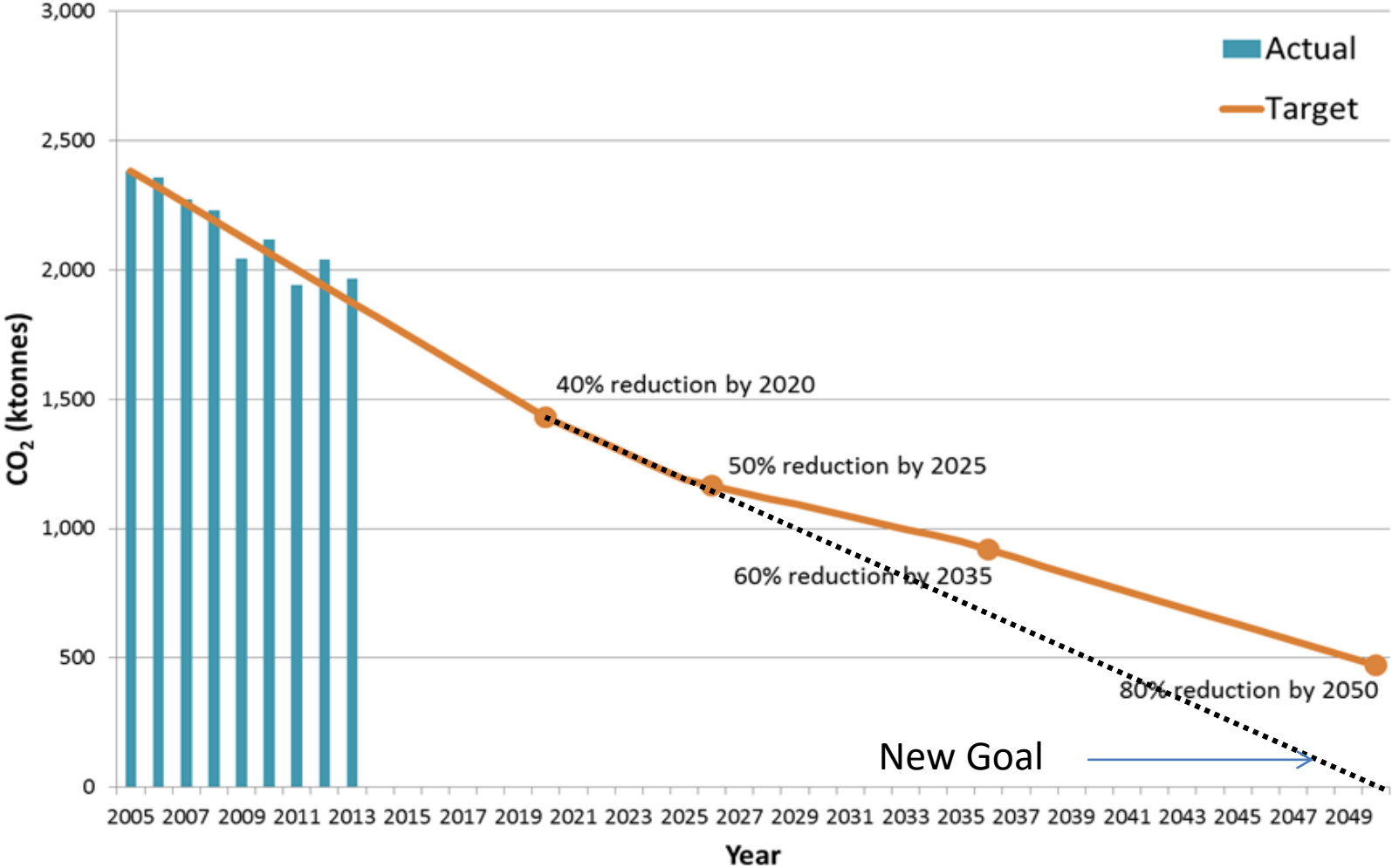
agreed by Mayor and Party Group Leaders



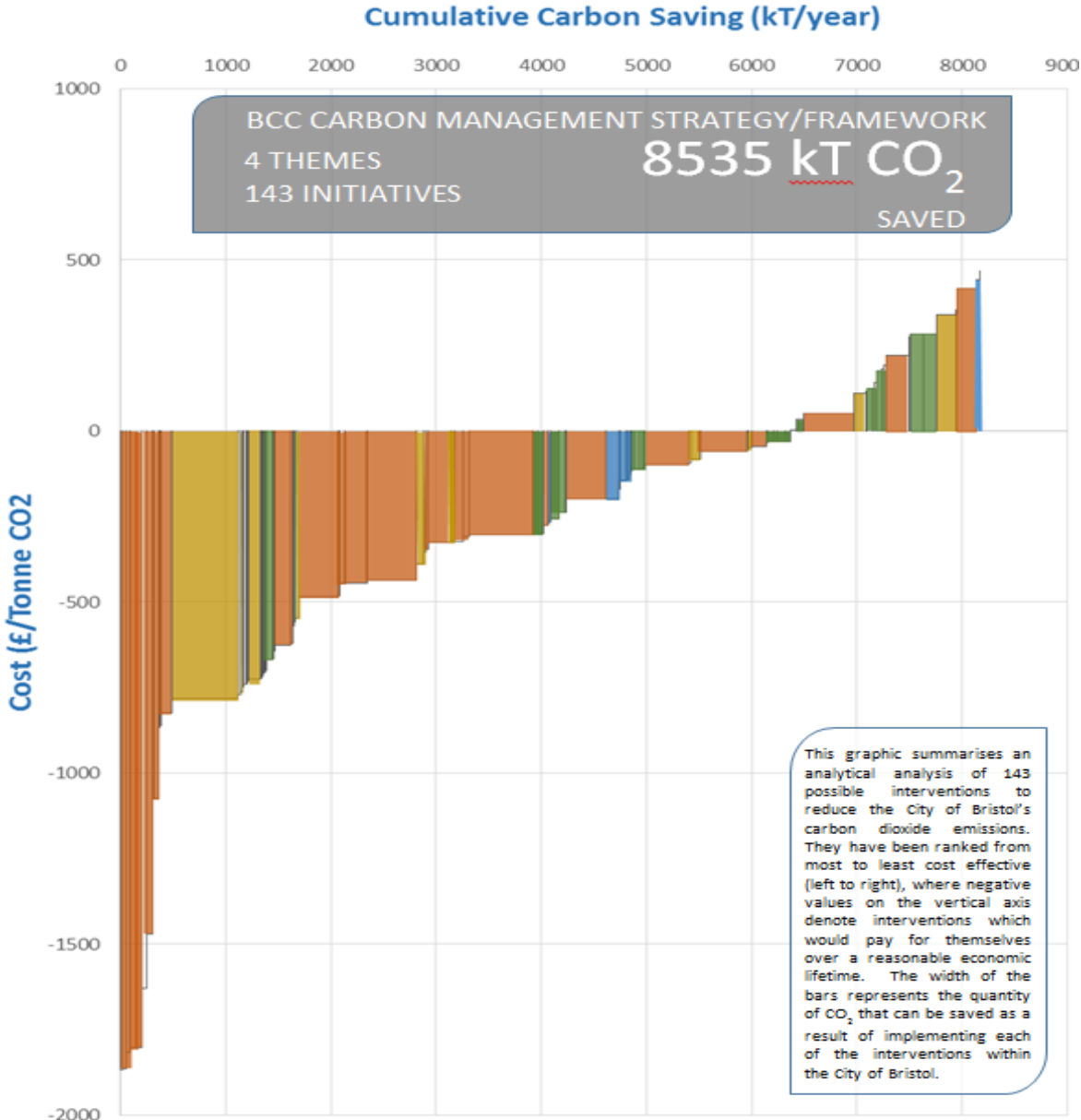
# Bristol's carbon emissions



# Our Targets



# Our Opportunities (2035)



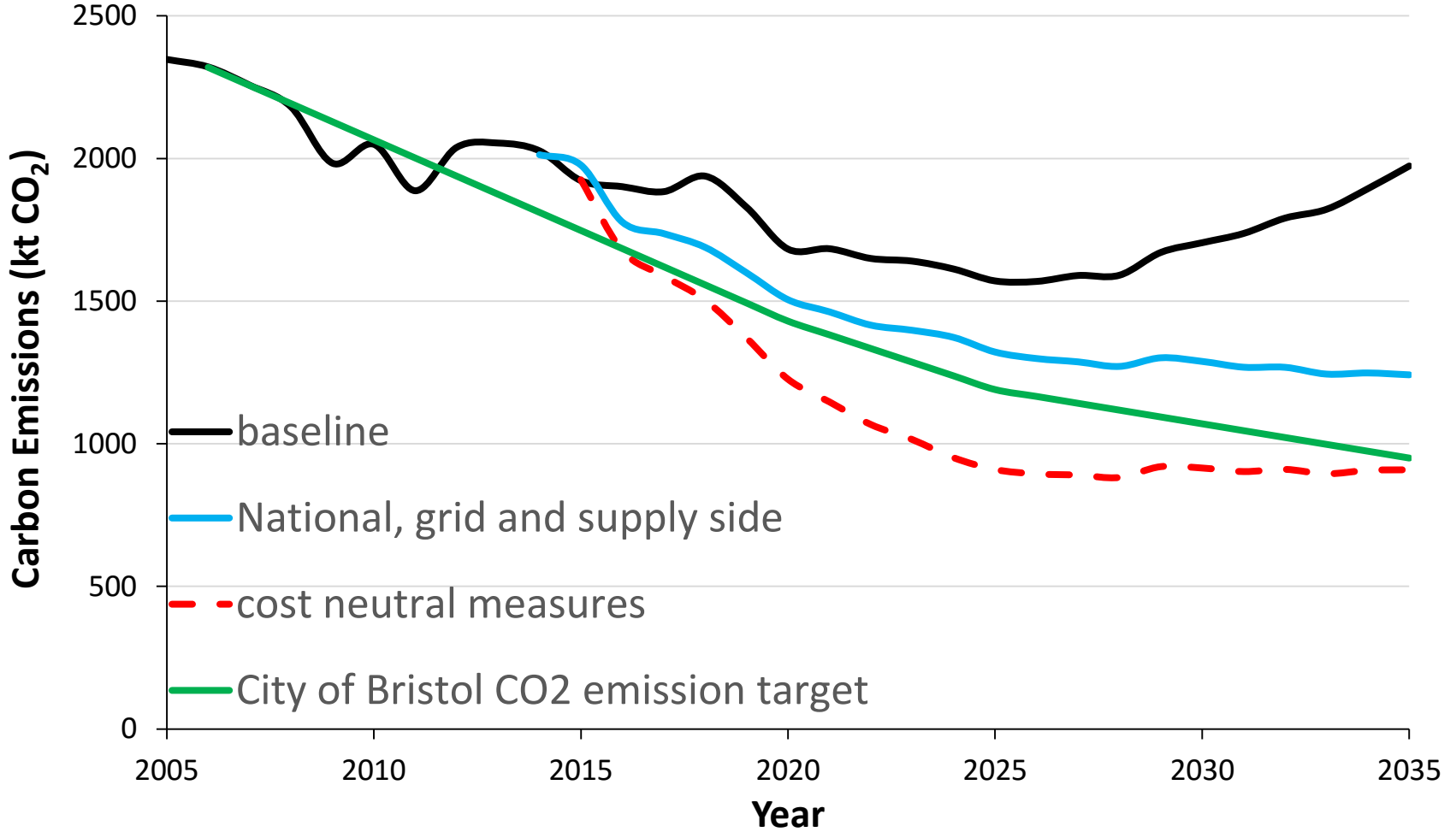
**Domestic**  
30 Measures  
5038 kT CO<sub>2</sub>

**Industrial**  
72 Measures  
1560 kT CO<sub>2</sub>

**Commercial**  
27 Measures  
1552 kT CO<sub>2</sub>

**Transport**  
14 Measures  
385 kT CO<sub>2</sub>

# Scenario Planning



# Lead

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- Energy Programme
  - Housing refurbishment programme
  - Heat network investment
  - Solar photovoltaic programme
  - Bristol Energy company
- Sustainable Transport Programme
  - Metro-Bus
  - Cycling Strategy
  - Metro West

# Enable

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- Establishment of Car Clubs
- Bristol bus operations
- Low carbon Enterprise Zone
- Community Energy action
- The Good Food Plan
- Development of Green Capital Initiative



# Explore

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- Other transport options
- Scale up energy investment
- Marine energy
- Further research
- Influencing central government policy

# Co-benefits

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- Framework enables us to address some key social and health issues...
- ...But also some threats which could increase inequality
- Many measures in Framework designed to address these issues

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